

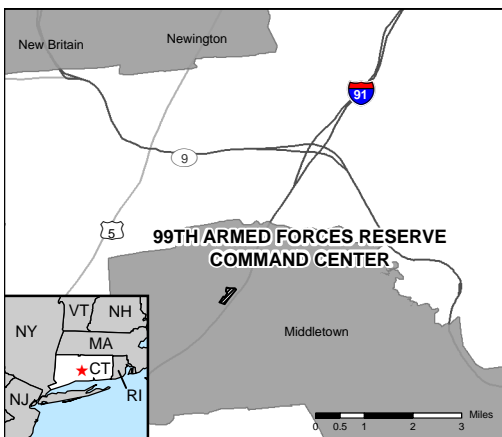


U.S. ARMY :

99TH ARMED FORCES RESERVE CENTER : CONNECTICUT



The 99th Regional Support Command's Middletown Armed Forces Reserve Center is home to soldiers from the Army Reserve and Connecticut National Guard. The Armed Forces Reserve Center was constructed after the Base Realignment and Closure recommendation to consolidate all Army Reserve and National Guard facilities in Connecticut. The new, state-of-the-art facility provides Reserve and National Guard units training and classroom resources, while boosting the local economy.



Unfortunately, construction of the Armed Forces Reserve Center impacted approximately 1.6 acres of wetlands. Therefore, to obtain the necessary approval under Section 404 of the Clean Water Act, the Army Corps of Engineers required a wetlands mitigation process to address the impacted wetlands. With no wetland banks or in lieu fee programs in the state of

Connecticut, the Army decided to work with the Middlesex Land Trust to protect an appropriate site in perpetuity suitable for wetland mitigation.

The acquisition of 54 acres of wetlands will directly compensate for the loss of wetlands on-post. The Middlesex Land Trust will own and manage the property for conservation purposes, meeting the mutual goals of the land trust and the Army. Their management will include long-term habitat management and ensuring that the terms of the deed are met in accordance with the final mitigation plan, providing opportunities to enhance water quality and control invasive species. Through this project, the Army and its partners have benefited the local community, the environment, and national defense.

BENEFIT SUMMARY

COMMUNITY

- Brings together new partners
- Preserves habitat and wetlands
- Helps preserve water quality

MILITARY

- Supports new training facility for physical fitness and weapons simulation training



The new Armed Forces Reserve Center serves as a "virtual installation" for Army Reserve soldiers from Maine to Virginia (top). Construction of the new building prompted wetlands mitigation efforts (bottom).

KEY PARTNERS

- Middlesex Land Trust

FAST FACTS AS OF 30 SEP 12

- » Acres preserved: **54**
- » Transactions conducted: **1**
- » Partner cost share: **3%**
- » Project status: **Completed**

CONTACT

Office of the Assistant Chief of Staff
for Installation Management
ACUB Coordinator
(571) 256-9731

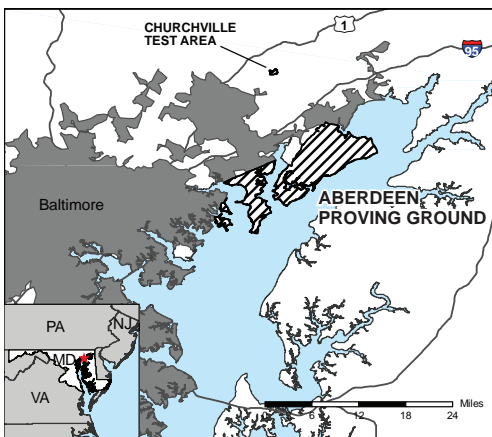


U.S. ARMY :

ABERDEEN PROVING GROUND : MARYLAND



Aberdeen Proving Ground is the Department of Defense's oldest active proving ground, where military weapons, vehicles, and other technology or military strategies are tested. Aberdeen is the Department's lead for automotive testing for all manned and unmanned, wheeled, and tracked vehicles. Due to the region's temperate climate, the Army can test vehicles in 80 percent of real-world environments using world-renowned test tracks. These tracks, a national asset, are irreplaceable and critical to present and future testing of vehicles.



However, significant regional suburban growth stretching out from the city of Baltimore and other nearby towns is causing conflict due to noise, dust, and other issues. The combined efforts of the Aberdeen Test Center staff and concerned local stakeholder Harford Land Trust helped alleviate this threat to the nearby Churchville Test Area. This location is a hilly

set of cross-country road test tracks providing a variety of steep inclines and tight turns designed to stress engines, drivetrains, and suspension systems for vehicles such as tanks, Bradley fighting vehicles, and the Humvee.

Of particular concern was the only owner of land not enrolled in a conservation program adjacent to the test area. The owner planned to subdivide his property into a housing development, and new residents could lead to noise complaints that would interfere with the test mission. Saving this farmland protects Deer Creek, part of a watershed that provides drinking water for nearby communities and is the only known habitat for the endangered Maryland darter.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local character
- Supports existing regional planning efforts
- Provides recreational opportunities for area residents
- Protects water supplies

MILITARY

- Preserves maneuver training capacity through the buffering of high-noise areas
- Increases operational safety
- Provides for future mission growth



Varied and hilly terrain allows for testing of maneuver vehicles at the Churchville Test Area (top and bottom).

KEY PARTNERS

- Harford Land Trust
- Harford County

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
163
- » Transactions conducted:
1
- » Partner cost share:
49%
- » Project status:
Completed

CONTACT

Public Affairs Office
(410) 278-1147



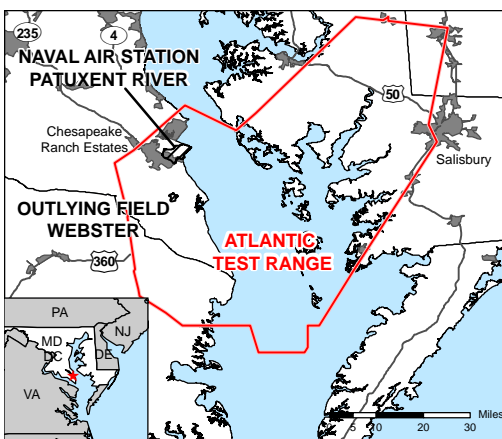
U.S. NAVY :

ATLANTIC TEST RANGE : MARYLAND

WITH NAS PATUXENT RIVER



Atlantic Test Range (ATR), consisting of land, air, and sea ranges in the Chesapeake Bay area, is the Navy's principal location for the research, development, test, and evaluation of Naval aircraft. The range's restricted airspace is a critical national asset that allows for training missions and the concurrent testing of multiple new aircraft, including unmanned aerial systems. This restricted airspace, as well as Naval Air Station (NAS) Patuxent River (ATR's host installation) and Outlying Field (OLF) Webster, encompasses a vast ecologically



sensitive area, including Maryland's Eastern Shore of the Chesapeake.

With the inherent risk in test flights, as well as the noise from aircraft (including supersonic operations), the Navy is working to limit incompatible development underneath the test range airspace and installation flight routes.

Another benefit to the mission is preventing increased conflicts in the use of frequency spectrum, allowing for testing of communications equipment and other electronics.

Acquiring easements under the restricted airspace and around NAS Patuxent River and OLF Webster limits development of waterfront parcels and protects the health of the Chesapeake and its tributaries. These projects also help sustain local agriculture and commercial and recreational fishing economies. Meanwhile, ATR and NAS Patuxent River can continue providing the test and evaluation capabilities that ensure safe and effective high-performance aircraft and weapons systems.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local character
- Supports existing regional planning, including a Joint Land Use Study
- Provides recreational opportunities
- Provides habitat and connects to an existing wildlife corridor

MILITARY

- Preserves night flying and helicopter capacity that generates significant amounts of noise
- Reduces lost test and training days and the need for less-realistic workarounds
- Reduces electromagnetic interference
- Provides for future mission growth and multi-Service missions



NAS Patuxent River and the Atlantic Test Range serve as an important flight testing site (top). Testing an F/A-18 Hornet that runs on 50% biofuel (bottom).

KEY PARTNERS

- The Conservation Fund
- The Nature Conservancy
- Maryland Department of Natural Resources
- Dorchester County
- Eastern Shore Land Conservancy
- The Lower Shore Land Trust

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,133
- » Transactions conducted:
6
- » Partner cost share:
50%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(301) 757-6748

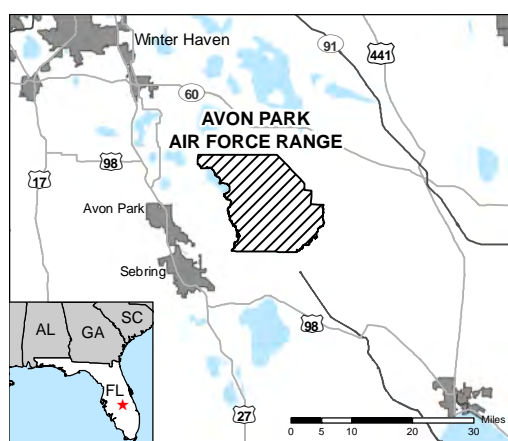


U.S. AIR FORCE :

AVON PARK AFR : FLORIDA



Avon Park Air Force Range (AFR) is a 106,000-acre bombing and gunnery range located near the center of the state of Florida. The primary training range for Homestead Air Reserve Base, Avon Park AFR is used extensively by all four Services. The range hosts numerous squadron and unit-level deployments from across the country in addition to nearby Air Force bases with its large restricted airspace and operating area offering a critical training space. The range's importance may increase with future missions, possibly including F-35



training.

The range's location in central Florida also connects it with important ecosystems as part of the northern Everglades, as well as working agricultural lands. Restrictive easements on these lands will limit incompatible development and buffer the range in one of the fastest growing regions in the country. Protecting

Avon Park AFR allows the range to maintain existing capabilities and keep pace with increasing requirements of new aircraft. Limiting potential development also avoids noise complaints and prevents light pollution that may impact night training.

The Avon Park AFR REPI project benefits stakeholders and industries important to the Florida economy, such as agriculture, recreation, and ecotourism. Protected lands will preserve water resources and wetlands, including lands important to the Everglades—one of only three designated wetland areas of global importance—and the entire southern Florida water supply. Large landscape-scale protection in this region provides opportunities to better align federal resources and strengthen locally-led conservation initiatives.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands
- Supports existing regional planning efforts, including a Joint Land Use Study
- Protects water resources

MILITARY

- Preserves aviation maneuver and night flying training that produce significant noise or require minimal light pollution
- Provides for future mission growth



Avon Park AFR hosts exercises that simulate close air support targeting under real urban area conditions (top), and integrated air-ground battle tactics for all Department of Defense Services (bottom).

KEY PARTNERS

- The Nature Conservancy
- Florida Department of Environmental Protection
- Florida Defense Alliance
- U.S. Fish and Wildlife Service

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

CONTACT

Public Affairs Office
Moody Air Force Base
(229) 257-3395

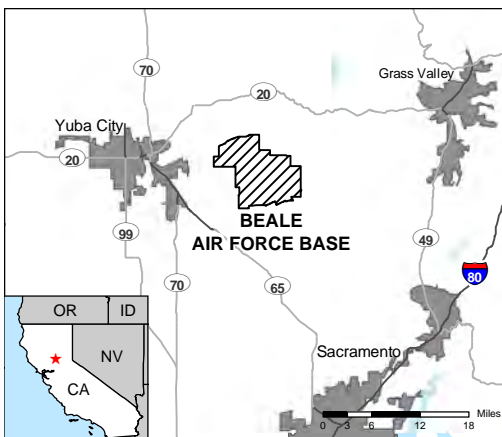


U.S. AIR FORCE :

BEALE AFB : CALIFORNIA



Beale Air Force Base (AFB), located 40 miles north of the Sacramento metro area, is home to the PAVE Phased Array Warning System (PAWS), one of only three such systems in the United States. PAVE PAWS is used primarily to detect and track sea-launched and intercontinental ballistic missiles. The system also has a secondary mission of detecting and tracking Earth-orbiting satellites. Beale AFB also supports live-fire M-60 machine gun training to the benefit of all four Services.



Beale AFB's missions are particularly vulnerable to incompatible development because of PAVE PAWS' sensitivity to electromagnetic interference, while loud bursts from machine gun training can lead to noise complaints. Growth from surrounding Yuba County presents a threat to these high-level missions and other operations and training,

such as surveillance and reconnaissance missions using the U-2 and MC-12 aircraft.

Easements acquired by the Trust for Public Land and the state as part of the Beale AFB REPI project will prohibit incompatible development adjacent to the installation boundary, thereby limiting potential electromagnetic interference with PAVE PAWS. Buffers for high noise areas and safety zones protect the installation and the public and support warfighter training while allowing continued grazing on open space owned by ranchers. The preserved land also benefits nearby natural and cultural resources, including vernal pools and other water resources, habitat for rare species, woodlands, and rangelands.

BENEFIT SUMMARY

COMMUNITY

- Preserves habitat for threatened species
- Maintains local character
- Protects water resources

MILITARY

- Preserves live-fire training that produces significant noise
- Reduces lost training days
- Supports multiple Service missions
- Reduces electromagnetic interference for sensitive training and operations



A dedicated crew provides maintenance for the RQ-4 Global Hawk, an unmanned aircraft (top). The preserved open space around PAVE PAWS allows local ranchers to use the land for grazing (bottom).

KEY PARTNERS

- The Trust for Public Land
- California Department of Fish and Game

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
833
- » Transactions conducted:
1
- » Partner cost share:
40%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(530) 634-8887

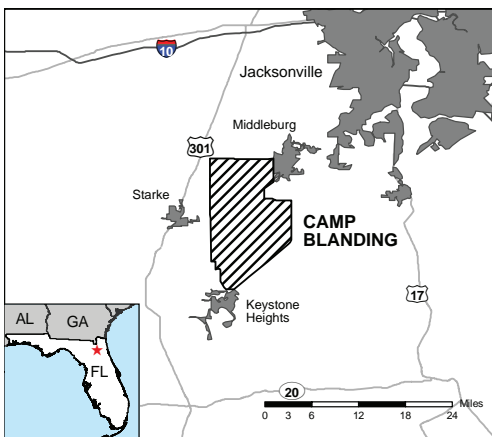


U.S. ARMY :

CAMP BLANDING : FLORIDA



As the Joint Training Center home to Florida's Army National Guard and Air National Guard, Camp Blanding also provides live-fire and maneuver training for Active and Reserve forces from around the country. The post is also home to a civil engineering squadron that can rapidly deploy to repair heavy damage to runways, facilities, and utilities of the Air Force worldwide. Additionally, Camp Blanding is an important ecological hub that is home to 40 federal and state listed animal and plant species.



The importance of habitat on and around Camp Blanding enabled the post to establish the first partnership to use the REPI authority to acquire conservation lands and easements, primarily through the state's Florida Forever program. The installation is also part of the Camp Blanding-Osceola Greenway initiative, which aims to preserve 153,000 acres between

Camp Blanding and Osceola National Forest.

With over \$50 million already spent to protect habitat, the partnership is restoring damaged ecosystems and water resources. These efforts, which include the long-term goal of restoring longleaf pine habitats, help sustain species that have the potential to cause severe restrictions to be placed on training lands. Precluding incompatible development also prevents noise, dust, and smoke complaints caused by training exercises. Also benefiting the public, the lands provide a variety of recreational opportunities and the county school board receives 15 % of the proceeds from all timber sales from the state-managed forest lands in lieu of taxes.

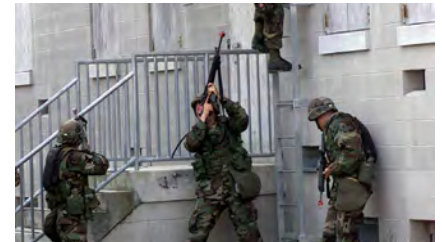
BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning efforts
- Provides habitat for endangered species and connects to a wildlife corridor
- Protects water supply

MILITARY

- Preserves on-installation live-fire, maneuver, helicopter, and night flying training that produces significant noise or requires minimal light pollution
- Allows for multi-Service missions



An urban training exercise at Camp Blanding (top). The red-cockaded woodpecker in its natural longleaf pine habitat (bottom).

KEY PARTNERS

- Florida Department of Environmental Protection
- U.S. Forest Service
- St. Johns River Water Management District

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
17,137
- » Transactions conducted:
9
- » Partner cost share:
91%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(904) 823-0166



U.S. ARMY :

CAMP RILEA : OREGON



Camp Rilea is located on the temperate Clatsop Plains of the Oregon coast near the Washington border, and supports training in diverse geographies, including beaches, sand dunes, coastal plains, and mountains. Camp Rilea hosts both Oregon Army and Air National Guard units, soldiers from Joint Base Lewis-McChord in Washington, and numerous civilian organizations with training including small arms, aerial and amphibious assault, and military operations in urban terrain.



However, 68 acres of on-post land was restricted as critical habitat for the threatened Oregon silverspot butterfly under the Endangered Species Act. Aside from the habitat on Camp Rilea, only four acres of viable habitat on the Clatsop Plains remained for the species after dramatic loss of the butterfly's historic range due to coastal development, changes

in fire control management, and invasive species. To respond to this habitat loss and mission restrictions, Camp Rilea worked with the North Coast Land Conservancy to preserve additional off-post habitat for the threatened species.

Preserving this habitat allows training restrictions to be lifted from habitat on Camp Rilea in an agreement with the U.S. Fish and Wildlife Service (USFWS) and offers opportunities for expanded military training. Additionally, having protected off-post habitat allows Camp Rilea to develop and replace on-post facilities more effectively and efficiently. Meanwhile, the Army will continue to work with the USFWS to manage continued recovery of the Oregon silverspot butterfly and its habitat.

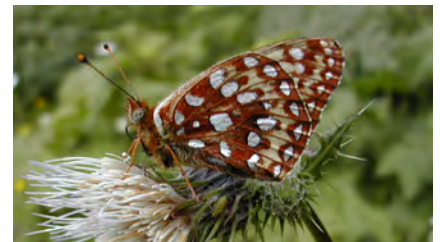
BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning efforts
- Preserves habitat for threatened species
- Protects water resources

MILITARY

- Protects maneuver training capabilities
- Prevents workarounds that would have otherwise limited training capacity
- Reduces lost training days



Camp Rilea's diverse geographies offer training along the Oregon coastline (top), and provide habitat for the threatened Oregon silverspot butterfly (bottom).

KEY PARTNERS

- North Coast Land Conservancy
- The Nature Conservancy
- U.S. Fish and Wildlife Service

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
109
- » Transactions conducted:
1
- » Partner cost share:
31%
- » Project status:
Completed

CONTACT

Public Affairs Office
Oregon State Military Department
(503) 584-3885

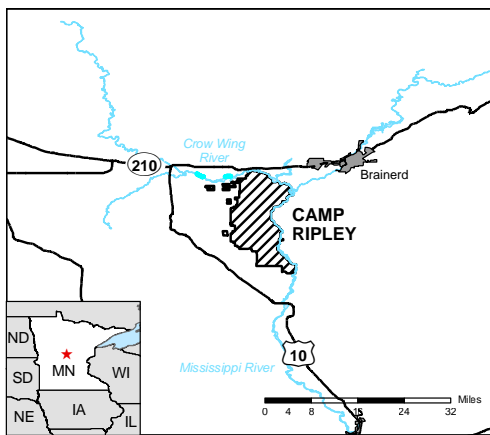


U.S. ARMY :

CAMP RIPLEY : MINNESOTA



The primary U.S. winter training site for the National Guard, Camp Ripley is an important Army National Guard post that supports ground vehicle maneuver training and live-fire artillery and bombing training, ranging from small arms to large caliber weaponry. Camp Ripley also hosts training exercises of foreign units on a regular basis as well as for active duty components and civilian agencies. Located along the Crow Wing and Mississippi Rivers, the surrounding riverfront parcels are very desirable for residential development, which could cause



complaints from training activities.

To prevent conflicts with residential development from the noise of its ranges, artillery, maneuver exercises, and airfields, Camp Ripley came together with various partners in the Prairies to Pines Partnership. Drawing on REPI, the partnership is creating buffers on private agricultural land and lands near the Little Nokasippi

Wildlife Management Area, securing the installation's continued ability to train soldiers on its ranges.

In recognition of the project's accomplishments, Camp Ripley with Morrison, Cass, and Crow Wing counties received Minnesota's 2009 County Conservation award. In addition to protecting the military mission, REPI is helping to keep farmers working their lands, providing the public with recreational opportunities, and protecting a refuge for large game.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands and local character that benefit the economy
- Supports existing regional planning efforts
- Protects water supply and improves water quality

MILITARY

- Protects live-fire artillery, ground vehicle maneuver, and helicopter training that produces significant amounts of noise
- Protects night flying capability, which requires minimal levels of light pollution
- Prevents the use of less-realistic workarounds



The Crow Wing River (bottom) has been a target for developers, which could interfere with the ability to conduct ground training (top).

KEY PARTNERS

- Minnesota Board of Water and Soil Resources
- Minnesota Department of Natural Resources
- The Nature Conservancy
- Parks and Trails Council
- The Trust for Public Land
- Crow Wing County
- Cass County
- Morrison County

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
30,594
- » Transactions conducted:
103
- » Partner cost share:
76%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(320) 616-3122

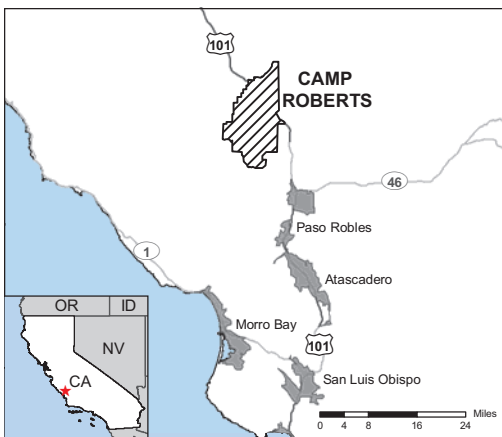


U.S. ARMY :

CAMP ROBERTS : CALIFORNIA



Camp Roberts, located in central California along both sides of the Salinas River in Monterey and San Luis Obispo counties, is the primary training site of the California Army National Guard. The camp also hosts Army Reserve and Marine Corps Reserve for mobilization, demobilization, and pre-mobilization activities. Camp Roberts' maneuver areas and significant number of live-fire and simulated ranges make it a very flexible training site for infantry, armor, and artillery units.



Camp Roberts is surrounded by open grazing lands and other agricultural lands, including vineyards, with only some nearby rural development. However, with Highway 101 cutting through the area, the potential to develop these lands is high. Development of the ranch parcels would impact air operations, drop zones during the day and night, as well as artillery

and range operations due to potential noise complaints.

To keep these lands for agricultural use and to protect the post's readiness mission, a small local land trust, the Ag Land Trust, is working with Camp Roberts to acquire easements to prevent residential development near the camp boundary. The protected land will provide open space benefits and connect to the Big Sandy Wildlife Area, providing safe transportation corridors for species to access nearby habitat and open lands. Keeping the land compatible with the military mission also allows Camp Roberts to maintain its unrestricted training environment.

BENEFIT SUMMARY

COMMUNITY

- Brings together new partners to coordinate with existing regional planning efforts, including a Joint Land Use Study
- Preserves habitat for threatened species
- Protects water resources

MILITARY

- Protects live-fire, maneuver, helicopter, and night flying training that produces significant amounts of noise or requires minimal light pollution
- Prevents workarounds that would have otherwise limited training capacity
- Provides for future mission growth and multiple Service missions



Camp Roberts offers flexible training sites for live-fire exercises (top), and preserves open grazing lands and other agricultural lands that surround the camp (bottom).

KEY PARTNERS

- Ag Land Trust

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,598
- » Transactions conducted:
4
- » Partner cost share:
27%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(805) 238-8308

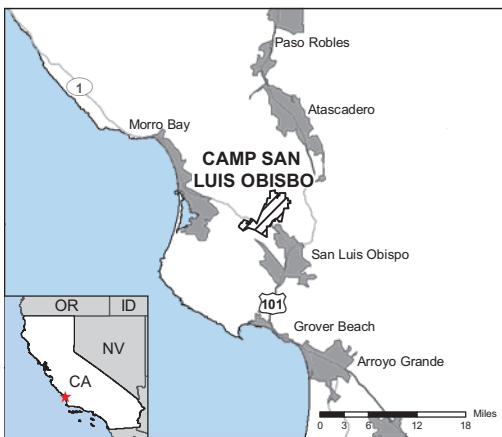


U.S. ARMY :

CAMP SAN LUIS OBISPO : CALIFORNIA



Camp San Luis Obispo is one of the largest and most versatile state-owned training areas in California. The post's primary mission is to provide a full spectrum of support for live, virtual, and constructive training of Army National Guard and Reserve Units. The post also supports field training facilities for a wide range of federal, state, and community organizations. The land surrounding Camp San Luis Obispo is mostly public and ranch lands, but some of these properties have been threatened with development for high-end, estate-style,



residential housing.

Through REPI, the camp is working with the Land Conservancy of San Luis Obispo, who is establishing conservation easements on adjacent properties that buffer the post from the city of San Luis Obispo to the southeast. Preventing residential development allows the camp to use its airspace and perform other training

exercises that could lead to potential complaints about noise or dust.

Importantly, this REPI project also preserves off-post habitat for threatened and endangered species, which reduces the threat of Camp San Luis Obispo being designated critical habitat under the Endangered Species Act. Such a designation would affect the entire installation, and severely impact the flexibility of using training lands. In addition to benefitting species such as the California red-legged frog and Southern steelhead trout, protecting nearby ranches also helps protect the Chorro Reservoir and water resources that are important for the installation. This project is part of local and regional coordinated planning efforts to support the military, agriculture, and the environment.

BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning efforts
- Protects water resources
- Maintains local character

MILITARY

- Protects live-fire and maneuver training
- Protects training capabilities that generate significant amounts of noise



A historical aerial view of Camp San Luis Obispo from 1984 (top). Today, the post provides important habitat for the threatened California red-legged frog (bottom).

KEY PARTNERS

- Land Conservancy of San Luis Obispo
- City of San Luis Obispo

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,342
- » Transactions conducted:
5
- » Partner cost share:
37%
- » Project status:
In Progress

CONTACT

Public Affairs Office
California National Guard
(916) 854-3304



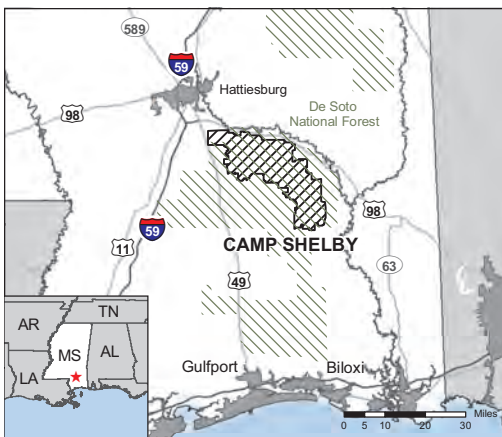
U.S. ARMY :

CAMP SHELBY : MISSISSIPPI



Camp Shelby is the largest state-owned and operated field training site in the U.S. at 134,000 acres and is currently used as a mobilization center for the Reserve Component. The camp is located largely in the DeSoto National Forest, while the U.S. Forest Service manages a special use permit for military activities. Camp Shelby hosts the Joint Forces Training Center, Navy Seabee construction battalion field training exercises, and training for other Services.

Located near two highways, the city of Hattiesburg's primary industrial park, and



a municipal airport, Camp Shelby is threatened by development that would impact its readiness mission. To protect an assault landing airstrip, tank range maneuver sites, and artillery and other weapons firing ranges, the post has a unique partnership with The Nature Conservancy, the U.S. Forest Service, and the Mississippi State University Foundation. Protecting

surrounding land addresses potential conflicts with airspace, safety, noise and smoke, while supporting an important forest ecosystem.

Under the partnership to protect Camp Shelby, the U.S. Forest Service will own and manage the acquired properties as part of the DeSoto National Forest, one of the largest complexes of longleaf pine in the southeast. This habitat also supports numerous notable and rare species, such as the gopher tortoise and other flora and fauna. Together, the partnership is working as part of a broader effort across the region to preserve this imperiled ecosystem and benefit military readiness.

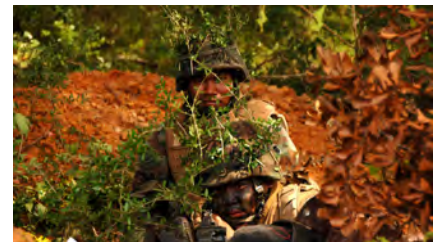
BENEFIT SUMMARY

COMMUNITY

- Protects working lands and maintains local character
- Supports coordinated planning efforts, including implementation of a Joint Land Use Study
- Protects water resources

MILITARY

- Protects live-fire and maneuver training that produces significant amounts of noise
- Prevents workarounds that would have otherwise limited training capacity



Camp Shelby offers a variety of training, including practice medical evacuations (top) and defensive operations in a tactical environment (bottom).

KEY PARTNERS

- The Nature Conservancy
- U.S. Forest Service
- Mississippi State University Foundation
- Compatible Lands Foundation

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
611
- » Transactions conducted:
5
- » Partner cost share:
9%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(601) 558-2271



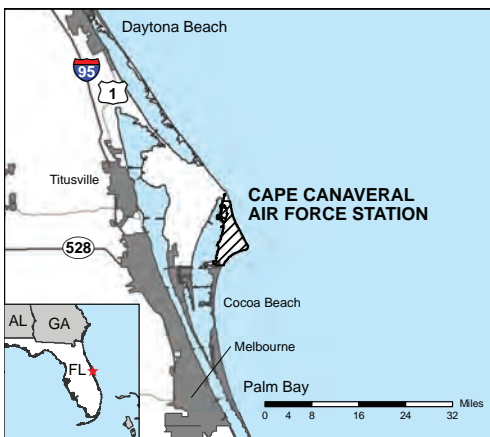
U.S. AIR FORCE :

CAPE CANAVERAL AFS : FLORIDA



The only space launch site capable of placing satellites into geosynchronous orbit, Cape Canaveral Air Force Station (AFS) is a unique resource relied upon by both government and commercial space operations. However, loss of scrub habitat and concomitant impacts to the threatened Florida scrub-jay pose a significant threat to current and future launch programs.

Current launch programs are constrained within their existing footprint on base, and the only available land for any new “heavy” launch vehicle or processing



facilities is mostly scrub habitat. All activities at Cape Canaveral AFS that impact scrub habitat incur a 4-to-1 mitigation requirement to offset the habitat loss. But since the base is only 15,800 acres and is surrounded by water on three sides, land is limited.

To protect its mission and preserve this endangered habitat, Cape Canaveral AFS has partnered

with Brevard County and its voter-approved Environmentally Endangered Lands Program to preserve nearby undeveloped scrub habitat. This project helps protect survival of the Florida scrub-jay and provides the Cape with opportunities to reduce its mitigation ratio, allowing additional lands to be put to mission use. The project alleviates threats to future missions and allows continued access to space—including access for GPS, communications, and weather satellites—that benefits the entire nation.

BENEFIT SUMMARY

COMMUNITY

- Coordinates with existing regional planning efforts
- Preserves habitat for threatened and endangered species
- Protects local character

MILITARY

- Preserves launch capabilities and supports government and commercial space programs
- Provides for future mission growth



Preserving habitat for the Florida scrub-jay (bottom) helps preserve the mission at Cape Canaveral Air Force Station (top).

KEY PARTNERS

- Brevard County Environmentally Endangered Lands Program
- The Nature Conservancy
- U.S. Fish and Wildlife Service

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
189
- » Transactions conducted:
6
- » Partner cost share:
52%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(321) 494-5933

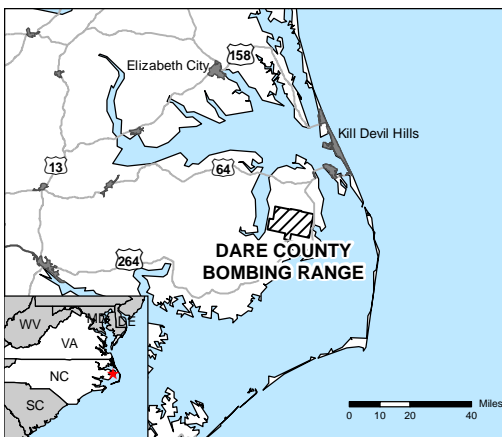


U.S. AIR FORCE :

DARE COUNTY BOMBING RANGE : NORTH CAROLINA



Remotely located in eastern North Carolina, Dare County Bombing Range is the primary training range for F-15E aircraft crews from Seymour Johnson Air Force Base and the primary backyard range for F/A-18 squadrons operating out of Naval Air Station Oceana. The range is an electronic combat, day-night, and air-to-ground training site critical to both installations and Army and Navy special operations teams (including SEALs). Together, the Air Force and Navy are working to protect land near and under special use airspace, military



training routes, and bombing run flight tracks near this important range.

Easements acquired with The Nature Conservancy will prevent incompatible uses such as wind energy development in areas near the range identified by range and air installation compatible use zone studies. The protected land includes forested wetlands, which are

important for numerous species such as the red-cockaded woodpecker, red wolf, and area-sensitive songbirds. Keeping the range isolated and in its natural state ensures that special operations teams can continue their weapons training and Joint Tactical Air Control exercises.

Buffering the range also allows the Services to expand on current training capabilities, with Navy SEALs planning future riverine training and the Air Force developing a military operations in urban terrain target area, similar training that prepared fighter crews for close air support missions in Afghanistan. Sustaining these capabilities is only possible through partnership with The Nature Conservancy to protect Dare County's significant undeveloped wetlands and forest landscape.



A F/A-18 Super Hornet conducts a routine training exercise above Dare County Bombing Range (top). The range includes forested wetlands and other habitat (bottom).

KEY PARTNERS

- The Nature Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

BENEFIT SUMMARY

COMMUNITY

- Protects working lands
- Brings together new partners in support of coordinated regional planning efforts
- Preserves habitat within a green corridor

MILITARY

- Avoids or reduces less-realistic workarounds that would otherwise limit training capacity
- Increases operational safety
- Supports multiple Service missions

CONTACT

Public Affairs Office
Seymour Johnson Air Force Base
(919) 722-0027



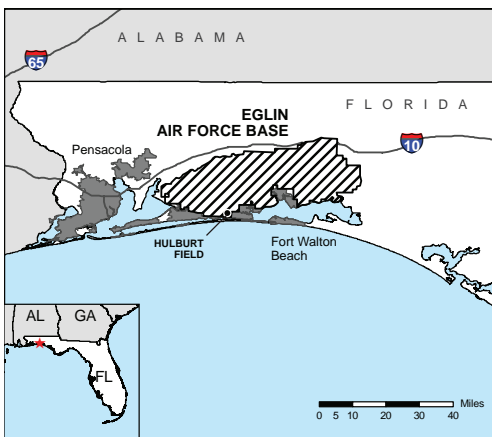
U.S. AIR FORCE :

EGLIN AFB : FLORIDA



Located in the Florida Panhandle, Eglin Air Force Base (AFB) is the Air Force's largest installation and also includes extensive special use airspace to allow the base to carry out its test and evaluation mission. That mission is increasing in importance as the base will host Joint Strike Fighter (JSF) training that will require the Air Force, Navy, and Marine Corps to fly at low level into the Eglin range from a distance of 90 miles away.

To guard against incompatible development near future critical JSF operating



areas, Eglin AFB's partners are conserving large tracts of land located near and under the installation's airspace, as well as within important wildlife corridors. Part of an unprecedented partnership, the base is protecting land within the Northwest Florida Greenway, a 100-mile habitat corridor between the base and the Apalachicola National Forest

to the southeast. The base is also creating buffers between its boundaries and the Blackwater River State Forest to the north.

With strong support from the state's Florida Forever program, the partnership's dedication to the military mission allows Eglin AFB to continue to conduct its testing and training activities. While protecting a major regional economic driver, the partnership is also conserving one of the most biologically diverse regions in the country.

BENEFIT SUMMARY

COMMUNITY

- Supports a designated green corridor to enable wildlife to travel safely between habitats
- Supports existing regional planning objectives, including the implementation of a Joint Land Use Study
- Protects habitat for wildlife

MILITARY

- Protects off-installation maneuver test and evaluation capability
- Provides for future mission growth and multi-Service missions



Eglin AFB is slated to become the new home of the Joint Strike Fighter, requiring open space for low-altitude maneuvers (top). REPI projects support Longleaf Pine habitat (bottom).

KEY PARTNERS

- Florida Department of Environmental Protection
- The Nature Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
2,199
- » Transactions conducted:
2
- » Partner cost share:
15%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(850) 882-3931



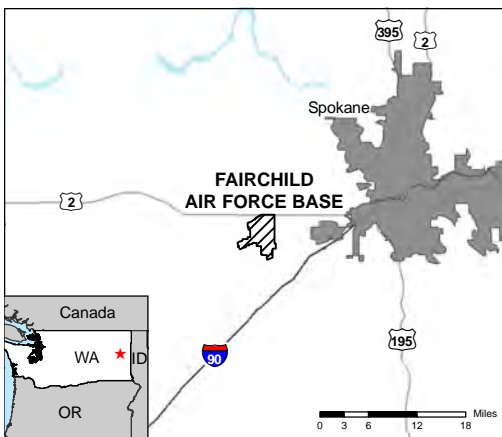
U.S. AIR FORCE :

FAIRCHILD AFB : WASHINGTON



Fairchild Air Force Base (AFB), located just 15 miles west of Spokane, Washington, hosts the 92nd Air Refueling Wing (which is assigned to support the Air Mobility Command's 15th Expeditionary Mobility Task Force) and the 141st Air Refueling Wing. The base's missions involve providing air refueling as well as passenger and cargo airlift and aero-medical evacuation missions supporting U.S. and coalition conventional operations.

The completed Fairchild AFB REPI project resulted in Spokane County



purchasing a restrictive use easement on land adjacent to the eastern boundary of the installation, lying within safety zones for one of the base's runways. The property will now remain as rural open space rather than being used for mining, which would create retention ponds, dust, and light hazards. The county also rezoned the easement property from mining

to rural traditional. The easement keeps the property free of structures, allows tree removal, and prevents agriculture that could attract birds or other wildlife that would contribute to a bird aircraft strike hazard. The land will also be used to relocate a rail line that currently runs through the base.

As part of the REPI project, the easement allows Fairchild AFB to move a security fence located around the runway approach to another location away from the runway, thus eliminating the base's need to obtain an Airfield Waiver as required by Federal Aviation Administration regulations. The state of Washington recognized the economic importance of protecting the Air Force mission and provided funding for this REPI project from the Washington (state) Military Communities Infrastructure Grant, through the Trade and Economic Development Division.



A survival, evasion, resistance and escape specialist performs a static line parachute jump above Fairchild AFB (top). This project prevents retention ponds (bottom) that can attract birds or wildlife that present a bird aircraft strike hazard.

KEY PARTNERS

- Spokane County
- Washington Trade and Economic Development Division

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
150
- » Transactions conducted:
1
- » Partner cost share:
58%
- » Project status:
Completed

BENEFIT SUMMARY

COMMUNITY

- Preserves habitat

MILITARY

- Protects aviation maneuver capabilities
- Increases operational safety

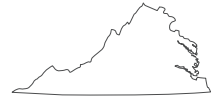
CONTACT

Public Affairs Office
(509) 247-5705

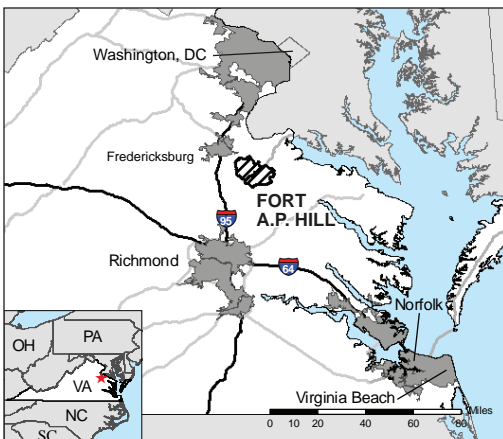


U.S. ARMY :

FORT A.P. HILL : VIRGINIA



Fort A.P. Hill's 76,000 acres provide all-purpose, year-round realistic joint and combined arms training, logistics, and support for active and reserve-component units, along with federal and state agencies. As a regional training center in the Washington, D.C. National Capital Region – approximately midway between Richmond and Washington, D.C. – the post specializes in training, maneuver, and live-fire operations. With 31 separate training areas on 44,000 acres of training lands, the maneuver areas provide ample training space.



Through buffer partnering efforts, Fort A.P. Hill is protecting its enhanced mission from incompatible development and noise complaint issues in quickly developing rural Virginia. In particular, conservation nonprofits and the Commonwealth of Virginia have partnered with the installation to preserve significant key buffer land near the installation boundary

and high-noise areas. The Fort A.P. Hill partnership is part of a larger Rappahannock River Valley Refuge Partnership that conserves open space, key natural habitats, working farms and forest lands, cultural resources and wetlands.

An innovative use of REPI included leveraging funds identified for mitigating effects on historic properties on-post for the purchase of an easement off-post that contained a national Historic Landmark Native American village site. The Advisory Council on Historic Preservation endorsed the Fort A.P. Hill partnership as an innovative way to combine historic preservation, land conservation, and military readiness support.

BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning efforts, including “green corridor” habitat connections for wildlife
- Provides public recreational opportunities
- Provides benefits to area water supply through wetlands preservation

MILITARY

- Preserves on-installation live-fire training capacity through the buffering of high-noise areas
- Prevents workarounds that would have otherwise limited training capacity
- Protects capacity for future growth in multi-Service training requirements, including helicopter capability



Marine Humvees conducting training exercises (top). Camden Farm, preserved through REPI (bottom).

KEY PARTNERS

- The Conservation Fund
- The Nature Conservancy
- The Trust for Public Land
- Virginia Outdoors Foundation
- Virginia Department of Historic Resources

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
9,611
- » Transactions conducted:
14
- » Partner cost share:
36%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(804) 633-8324



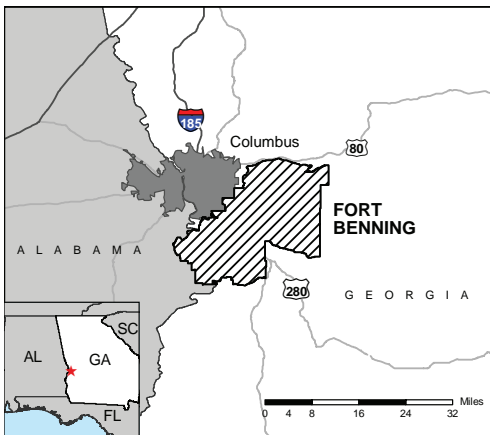
U.S. ARMY :

FORT BENNING : GEORGIA



Fort Benning is the home of the Maneuver School of Excellence, which combines the Army's premier Infantry Training Center and the Armor School in one location. With five types of infantry—mechanized, light, airborne, air assault, and ranger—the post is one of the country's most important installations. However, the growth of nearby towns and the increasing population size of the post have led to incompatible development and loss of critical wildlife habitat.

Training exercises on Fort Benning's ranges and maneuver corridors face



numerous obstacles, as threatened, endangered, and other rare species (red-cockaded woodpecker and gopher tortoise) habitat, streams, and wetland sites restrict construction and training flexibility. However, the post is working with a variety of partners, who are acquiring titles to parcels that will prevent incompatible development and protect contiguous stretches

of longleaf pine benefiting the red-cockaded woodpecker, gopher tortoise, and the ecosystems that support them.

Fort Benning's partners will be restoring habitat while simultaneously marketed to conservation buyers who may be interested in purchasing the land for recreational uses. This project also helps anchor the north end of a broad regional longleaf pine habitat corridor spanning Georgia, Florida, and Alabama.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands
- Supports regional planning objectives, including a Joint Land Use Study
- Protects habitat for threatened and endangered species
- Provides recreational opportunities
- Protects water supply

MILITARY

- Preserves live-fire, maneuver, helicopter, and night flying training that produces significant noise or requires minimal light pollution
- Prevents workarounds that would reduce training realism
- Allows for future mission growth and multi-Service missions



Longleaf pine at Fort Benning provides habitat for threatened and endangered species (top). Soldiers undergoing basic training (bottom).

KEY PARTNERS

- The Nature Conservancy
- Chattahoochee Valley Land Trust
- Georgia Land Trust
- Alabama Land Trust
- Alabama Forest Resource Center
- U.S. Fish and Wildlife Service
- The Trust for Public Land
- The Conservation Fund
- State of Georgia
- State of Alabama

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
18,511
- » Transactions conducted:
27
- » Partner cost share:
5%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(604) 545-4585

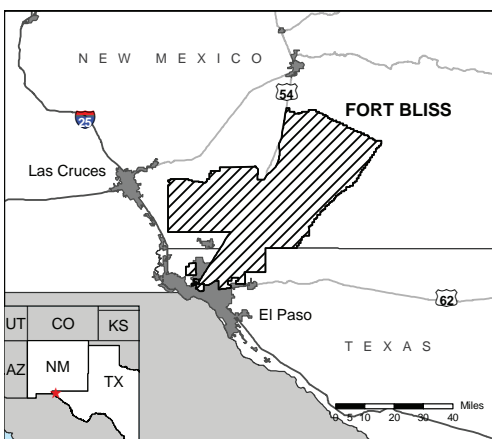


U.S. ARMY :

FORT BLISS : TEXAS



Fort Bliss is the Army's largest maneuver installation for heavy armor units of tanks and other tracked combat vehicles, while also supporting rapid deployment. Mission growth is placing increased demand on training facilities. The installation is constructing new ranges at a cost of over \$200 million that will likely be utilized at least 242 days per year. Half of the operations will likely be at night, so preventing light pollution from expanding growth is critical for training readiness and protecting this significant investment.



To help address this issue, Fort Bliss purchased land use restrictions on thousands of acres from the New Mexico State Land Office, which currently leases out the land for livestock grazing. The state land office could have sold the property to developers to accommodate the rapid growth of cities like El Paso, Texas, and Las Cruces, New Mexico. Instead,

they are meeting their fiduciary duty while also protecting a large source of the local economy. The Army also has the right of first refusal to purchase the land, while the state will continue to manage the land.

Additionally, the post is working with the Bureau of Land Management (BLM) on a deal to return withdrawn lands in order to keep other BLM land buffering Fort Bliss from being sold and developed. This project prevents incompatible residential development, maintains the rural character of the community, and benefits the state of New Mexico while also protecting the taxpayer investment in Fort Bliss's mission.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local character
- Supports existing regional planning objectives
- Provides recreational opportunities
- Protects water supplies
- Provides economic benefit

MILITARY

- Preserves live-fire and maneuver on-installation training capacity through the buffering of high-noise areas
- Prevents lost training days and workarounds that would reduce training realism or effectiveness
- Provides for future mission growth



Light pollution and incompatible development can threaten training with vehicles like the Kiowa (top) and Humvee (bottom) for troops that will be deployed to the battlefield.

KEY PARTNERS

- New Mexico State Land Office

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
5,169
- » Transactions conducted:
2
- » Partner cost share:
6%
- » Project status:
Completed

CONTACT

Public Affairs Office
(915) 568-4505

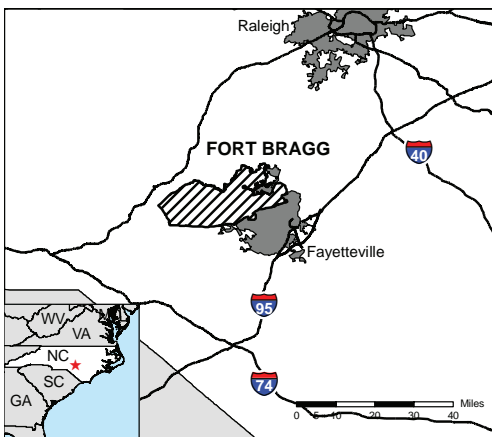


U.S. ARMY :

FORT BRAGG : NORTH CAROLINA



Fort Bragg is one of the Army's premier installations and among the most actively used military complexes in the world, home to the 82nd Airborne and U.S. Army Special Operations Forces. Fort Bragg is also home to rare, mature longleaf pine habitat for the federally endangered red-cockaded woodpecker (RCW). Meanwhile, the 2005 Base Realignment and Closure realigned up to 40,000 troops and their families—along with the resulting economic growth—to the post, increasing the challenges of managing growth in the North Carolina Sandhills area.



When habitat-destructive residential development occurred years ago immediately adjacent to Fort Bragg's training areas, particularly along the southern installation border, the Army was compelled to set aside training land exclusively to protect dwindling RCW habitat. Since then, Fort Bragg has helped pioneer conservation buffer partnering by

creating the North Carolina Sandhills Conservation Partnership. This partnership helped provide a model for REPI partnerships.

Fort Bragg's efforts with The Nature Conservancy and other stakeholders helped achieve the recovery target for the sandhills RCW population segment, the first such documented recovery of a RCW sub-population. As the population recovers, restrictions placed on used training land at Fort Bragg are being virtually eliminated. The preserved habitat has provided a number of other additional benefits to Fort Bragg and the surrounding community, including expanding Cumberland County's only state park.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands for forestry, benefiting the local economy
- Provides habitat for endangered species
- Provides recreational opportunities
- Helps preserve water quality
- Augments regional planning objectives

MILITARY

- Preserves live-fire and maneuver training capacity
- Prevents workarounds that would reduce training realism or effectiveness



Development adjacent to the installation perimeter (top). Landowner Julian Johnson values the protection of longleaf pine on his property (bottom).

KEY PARTNERS

- The Nature Conservancy
- U.S. Fish and Wildlife Service
- North Carolina Wildlife Resources Commission
- Sandhills Ecological Institute
- North Carolina Department of Agriculture
- North Carolina Division of Parks and Recreation

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
16,389
- » Transactions conducted:
50
- » Partner cost share:
65%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(910) 396-5600

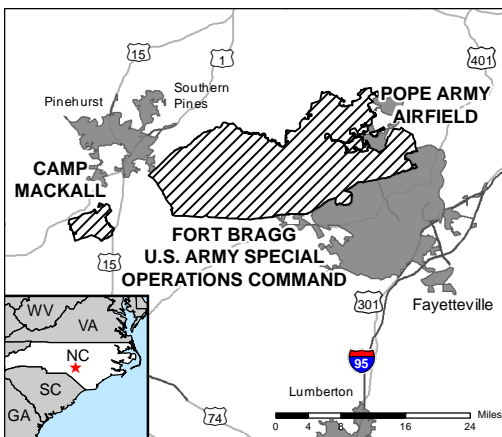


U.S. ARMY :

FORT BRAGG USASOC : NORTH CAROLINA



As the home of the Joint and U.S. Army Special Operations Commands (USASOC), Fort Bragg supports essential training for some of the nation's most elite warfighters. Fort Bragg, Pope Army Airfield, and Camp Mackall, located 25 miles southwest of Fort Bragg, and their surrounding environs, provide rural terrain where Special Forces can train for their highly classified tactics and activities. It is here that soldiers conduct Survival, Evasion, Resistance and Escape (SERE) training.



Any development of the area surrounding Fort Bragg and Camp Mackall would threaten SERE field training exercises, which require students to forage on the land and evade the general public. The Army performs its exercises on these lands under agreement with landowners. To protect the required isolation and vegetative cover, the Army is working with the Sandhills

Area Land Trust to keep agricultural and forested lands undeveloped throughout the training area.

In addition to enabling Special Forces to learn and train in survival field craft, evasion techniques, resistance to interrogation, and escape, this REPI project is a priority for local and state conservationists. The area includes riparian buffers and mature basic mesic forest, a rare forest type and habitat for a rare species and recreational opportunities. Keeping this historically rural area in agricultural production also contributes to the area's economy, providing jobs and food for the region, including soldiers and personnel at Fort Bragg and Camp Mackall.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands and local character that benefit the economy
- Preserves habitat for rare and notable species
- Provides recreational opportunities

MILITARY

- Protects the ability to perform sensitive special operations training
- Protects operational security



A soldier covers a helicopter's landing during a training exercise (top). Fort Bragg USASOC holds an annual sniper competition where soldiers are tested in realistic combat environments (bottom).

KEY PARTNERS

- Sandhills Area Land Trust

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,517
- » Transactions conducted:
7
- » Partner cost share:
11%
- » Project status:
In Progress

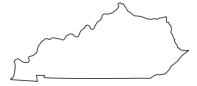
CONTACT

Public Affairs Office
(910) 396-5600

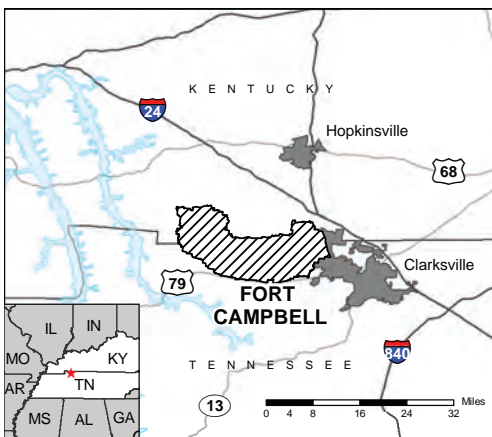


U.S. ARMY :

FORT CAMPBELL : KENTUCKY



Fort Campbell is a major Army ground vehicle maneuver installation and Power Projection Platform able to support mobilization and deployment of high-priority units, their equipment, and supplies. The installation supports 30,000 soldiers, including the 101st Airborne Division and the only Air Assault Division in the world. Because the post is located amid abundant rural lands along the Kentucky-Tennessee border and a large national recreation area, it is well suited for supporting aviation operations.



To protect its mission from nearby growing towns in both states, the post and its partners have targeted the conservation of working farmland, some of which can be converted back to unique grasslands called “the Barrens.” The Fort Campbell project has worked to find a variety of funding sources—including landowner donations, U.S. Department of

Agriculture’s Natural Resources Conservation Service grants, and private land trust and state funds to protect its mission, local agriculture, and important habitat. The post also integrates zoning support from local jurisdictions in its four-county region into its REPI planning processes.

These efforts are preventing incompatible development from encroaching on night-vision and aviation training missions at critical assets like Sabre Army Heliport and Campbell Army Airfield. The conservation easements help sustain working farms and prime agricultural lands while positively contributing to Fort Campbell’s mission.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands and local character that benefit the economy
- Supports existing regional planning efforts, including a Joint Use Land Study to better coordinate planning efforts among various government entities

MILITARY

- Protects live-fire artillery, ground vehicle maneuver, helicopter, and night flying training that produces significant amounts of noise or requires minimal light pollution
- Prevents the loss of training days and the use of less-realistic workarounds
- Provides for future mission growth and multi-Service efforts



Farmland preserved near Fort Campbell (bottom) helps aviation training and operations capability (top).

KEY PARTNERS

- Land Trust for Tennessee
- Kentucky Department of Agriculture
- U.S. Department of Agriculture–Natural Resources Conservation Service
- Compatible Lands Foundation

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
3,371
- » Transactions conducted:
14
- » Partner cost share:
26%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(270) 798-3025

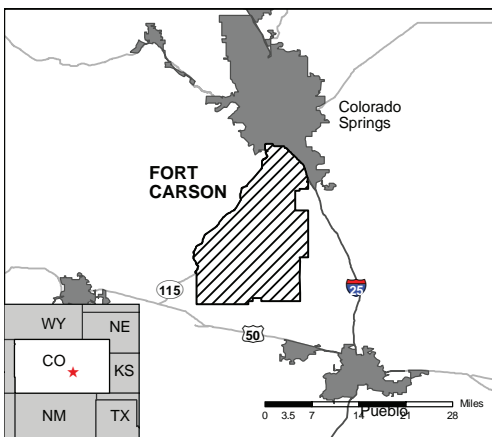


U.S. ARMY :

FORT CARSON: COLORADO



Fort Carson is a key Army installation that supports a range of training and deploy units abroad by air and rail. The post's 137,000 acres are suited to training soldiers with large-caliber weapons on landscape and terrain comparable to current conflict areas. These training lands allow units to simultaneously prepare for the full spectrum of land-based operations, combining offense, defense, stability, and civil support operations. The post's ability to support this range of training will become even more important with the stationing of new



troops.

To protect Fort Carson's mission, a large buffer is being completed to guard against extreme residential growth pressures from Colorado Springs to the north and Pueblo to the southeast. The post's close relationship with local ranchers and The Nature Conservancy has enabled it to save valuable working ranch lands. Of

note already, a single, large-scale rancher has been willing and eager to protect his land to help aid Fort Carson in meeting its training land protection and sustainability goals.

This partnership effort is providing multiple valuable benefits to Fort Carson and a variety of stakeholders. Conservation easements have eliminated potential encroachment conflicts from development that would impact the installation's southern and eastern training ranges and impact areas. Meanwhile, the buffer zone protects critical wildlife and plant species, and it allows local ranchers to continue their traditional way of life.

BENEFIT SUMMARY

COMMUNITY

- Preserves working ranch lands and local character
- Supports existing regional planning objectives

MILITARY

- Preserves live-fire, helicopter, and maneuver on-installation training capacity through the buffering of high-noise areas
- Improves operational safety



Ranch lands near Fort Carson protect training by shielding noise from the CH-47 heavy-lift helicopter (top) and M1 Abrams tank (bottom).

KEY PARTNERS

- The Nature Conservancy
- El Paso County
- Great Outdoors Colorado
- U.S. Fish and Wildlife Service
- Colorado Division of Wildlife
- Colorado Department of Transportation

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
24,157
- » Transactions conducted:
16
- » Partner cost share:
1%
- » Project status:
Completed

CONTACT

Public Affairs Office
(719) 526-1269



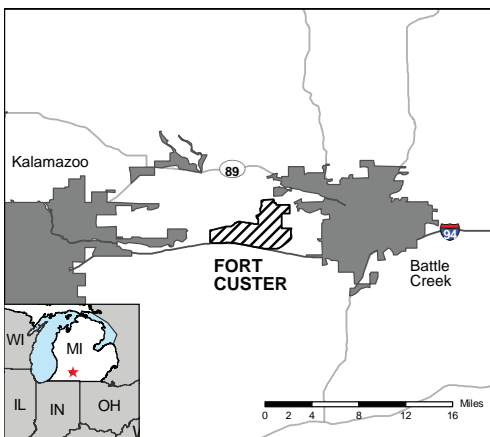
U.S. ARMY :

FORT CUSTER : MICHIGAN



One of the more heavily used Midwest training centers for the National Guard, Fort Custer is important for its company-level small arms training, as well as maintenance training. Its location in southwestern Michigan makes it easily accessible for units from the neighboring states of Ohio, Indiana, and Illinois. Since the military training mission is a critical lifeline for this area's fiscal solvency, providing a means to protect training also benefits the area economy.

Nearby Hart's Lake, one of the last remaining undeveloped lake properties in



Michigan, had been promoted by the city for 30 years as a potential site for development. These plans had reduced Fort Custer's ability to fully conduct live-fire training. To address this issue, Fort Custer creatively utilized REPI funding with a matching grant from the W. K. Kellogg Foundation (one of the nation's largest foundations and based in nearby Battle Creek)

to forever preserve this conservation area for public use and as a buffer for military training.

As a result, Fort Custer is now able to fully utilize a range that had previously been limited to 50 percent of its capacity because of neighbors' noise and safety concerns. With the Battle Creek Community Foundation and Calhoun Conservation District helping to manage the property, the public can enjoy a pristine natural haven for fishing, hiking, bird watching, non-motorized boating, and other passive recreational activities.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands
- Provides recreational opportunities for area residents
- Protects water supplies

MILITARY

- Preserves live-fire training capacity through the buffering of high-noise areas
- Prevents the loss of training days and workarounds that would reduce training realism or effectiveness
- Improves operational safety



Hart's Lake, protected by REPI, provides recreational opportunities (top). A Humvee during a field training exercise (bottom).

KEY PARTNERS

- Calhoun Conservation District
- W. K. Kellogg Foundation

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
326
- » Transactions conducted:
1
- » Partner cost share:
52%
- » Project status:
Completed

CONTACT

Public Affairs Office
(517) 481-8135

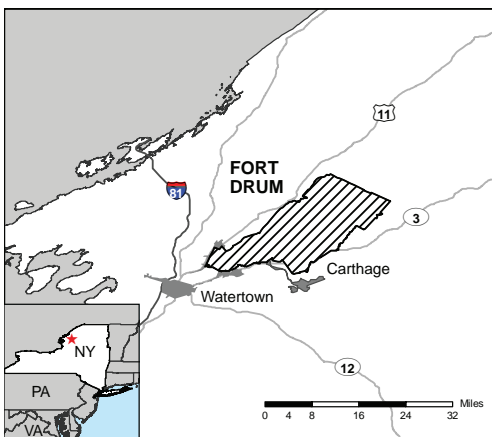


U.S. ARMY :

FORT DRUM : NEW YORK



Fort Drum is home to the 10th Mountain Division and is the only installation in the Northeast from which the military can project its power by supporting the mobilization and deployment of high priority, active units. With the installation's mission expanding in the years ahead, nearby residential and commercial construction is increasing. Noise and smoke from live-fire weapons, as well as use of ordnance, tanks, and aircraft all present potential conflicts with this increasing development.



As its partners acquire conservation easements through REPI, Fort Drum is greatly reducing the need for workarounds necessary to minimize training impacts on the nearby population. Additionally, the post is actively pursuing wetlands mitigation sites in conjunction with preserving open space along its border.

Partnering with Ducks Unlimited, the project will help accomplish these multiple goals.

An important aspect of the efforts at Fort Drum includes preserving habitat for the endangered Indiana bat. Connecting remaining habitat off-post can ensure Fort Drum is not the primary remaining bat habitat, can provide regulatory relief, and also protects corridors for migratory birds. Meanwhile, wetlands mitigation off-post allows the base to offset streams impacted by on-post construction without setting aside valuable training lands. Preventing residential development sustains the resiliency of training lands that benefit all four military Services, a significant asset for our national defense.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local character
- Provides habitat for endangered species
- Protects water supply

MILITARY

- Preserves live-fire and maneuver training capacity through the buffering of high-noise areas
- Preserves night flying training capacity, which requires minimal light pollution
- Reduces the need for less-realistic workarounds



Soldiers at Fort Drum prepare for deployment to combat zones (top and bottom).

KEY PARTNERS

- Ducks Unlimited
- Tug Hill Tomorrow Land Trust
- Jefferson County
- Agricultural Development Corporation

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,515
- » Transactions conducted:
7
- » Partner cost share:
9%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(315) 772-5461

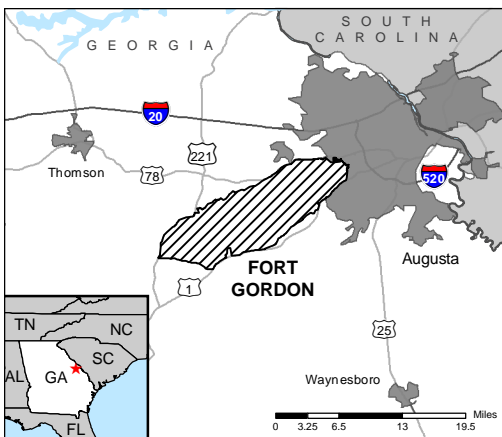


U.S. ARMY :

FORT GORDON : GEORGIA



Fort Gordon, located in Augusta, Georgia, is the largest communications training facility in the Armed Forces and is the focal point for the development of tactical communications and information systems with the Signal Corps and Signals Intelligence. The post also has a new National Security Agency facility, which recently added new jobs—bringing with it development pressures to house a growing population. Additionally, Fort Gordon supports various light to heavy maneuver and live-fire training activities on its training ranges.



Meanwhile, Fort Gordon is surrounded by highways inviting sprawl emanating from Augusta to continue closing in around the post. This leads to complaints about noise and vibrations from artillery and other live firing, as well as air quality issues from the smoke of training obscurants and prescribed burning of longleaf pine habitat and underbrush. So Fort Gordon

is working with its partners to protect the remaining large parcels of undeveloped forest land near its ranges in hopes of alleviating the risk of encroachment further impacting training capabilities.

An important aspect of this project is the opportunity to preserve and restore the longleaf pine ecosystem that supports species like the endangered red-cockaded woodpecker and the candidate species gopher tortoise. Preventing the gopher tortoise and others from becoming listed species will protect Fort Gordon's training mission from new restrictions. Another benefit is the protection of high priority water areas, helping to sustain aquatic biodiversity.

BENEFIT SUMMARY

COMMUNITY

- Supports regional planning efforts, including implementation of a Joint Land Use Study
- Preserves habitat for threatened, endangered, and at-risk species
- Protects water supply
- Protects working lands

MILITARY

- Preserves live-fire, maneuver, and aviation training that produces significant noise
- Prevents workarounds that would reduce training realism
- Allows for mission growth



Medical personnel practice loading simulated casualties onto a HH-60M Blackhawk helicopter (top). Some training occurs near the longleaf pine ecosystem near Fort Gordon (bottom).

KEY PARTNERS

- Central Savannah River Land Trust
- The Nature Conservancy
- Georgia Department of Natural Resources

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(706) 791-7003

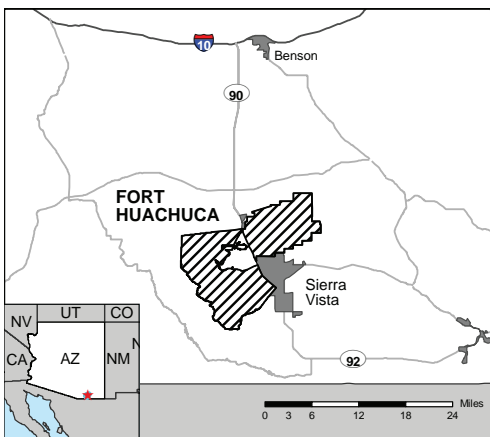


U.S. ARMY :

FORT HUACHUCA : ARIZONA



Located in a perfect area for its testing mission of “Command, Control, Communications, Computer, Intelligence, Surveillance and Reconnaissance,” Fort Huachuca is surrounded largely by the Sonoran Desert in southeastern Arizona. This mission includes Unmanned Aerial Systems (UAS) training in heavily used, low-altitude air space immediately north and west of the installation, an area that also happens to be mostly privately-owned open rangeland. Additionally, this area is used by aircraft from nearby Air Force bases.



Working in a first-of-its-kind partnership with the Bureau of Land Management (BLM) to protect training and preserve land, Fort Huachuca’s partners have purchased easements near the desert for water conservation purposes. The buffers are important for the installation’s UAS training and also reduces electromagnetic interference with electronic testing

of sensitive equipment.

Already a leader in water conservation, Fort Huachuca’s partnership with BLM protects groundwater supplies within the watershed of the San Pedro Riparian National Conservation Area. By reducing groundwater pumping, the project protects the future of the San Pedro and Babocomari Rivers. The partnership also reduces development potential in one of the fastest growing states, keeping the land in the hands of local ranchers, while preserving key native grasslands that contain critical habitat for endangered species.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local character
- Supports regional planning objectives
- Provides habitat for endangered species
- Protects water supply

MILITARY

- Preserves on-installation maneuver, helicopter, and night flying training capability that generates noise or requires minimal light pollution
- Reduces electromagnetic interference
- Improves operational safety
- Provides for mission growth



Soldiers training at the Joint Center of Excellence for Human Intelligence Training at Fort Huachuca (top). Test vehicles for the Warfighter Information Network-Tactical (bottom).

KEY PARTNERS

- The Nature Conservancy
- Bureau of Land Management
- National Park Service Land and Water Conservation Fund

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
6,142
- » Transactions conducted:
8
- » Partner cost share:
20%
- » Project status:
In Progress

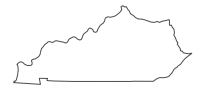
CONTACT

Public Affairs Office
(520) 533-1850

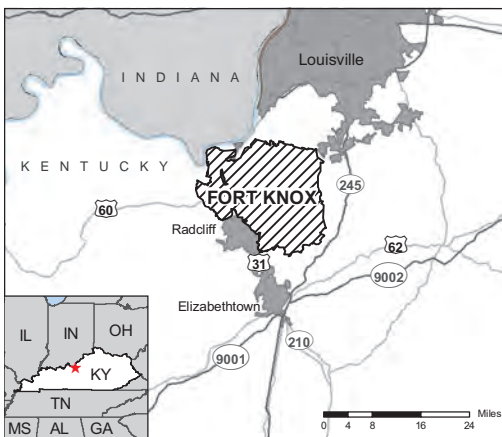


U.S. ARMY :

FORT KNOX: KENTUCKY



Located 35 miles south of Louisville, Fort Knox covers parts of three counties and has a population of 40,000 soldiers, family members, and civilian employees combined. Training at Fort Knox includes basic combat operations, maneuver, aerial gunnery, and amphibious operations. Ranges provide qualification for weapons firing and anti-tank weapons, demolitions, helicopter and aerial gunnery, unmanned aerial vehicles, tank firing, and other types of training. The post's facilities, training areas, and firing ranges are utilized 356 days a year,



while troop increases from 2005 Base Realignment and Closure are putting further strain on limited resources.

Growth and urban sprawl emanating around Fort Knox and Louisville threatens to further restrict training, create safety concerns, and increase the loss of habitat for the endangered gray and Indiana bats. Training already

requires workarounds to avoid conflict with development east of the post. For this REPI project, Fort Knox's partners are acquiring undeveloped lands bordering Fort Knox's Yano Range and other training areas along the eastern boundary.

Sustaining habitat in this traditionally agricultural area also prevents the need to impose restrictions on training activities using smoke and fire, which affects the bats and their habitat. Fort Knox will meet its mission of providing realistic day-and-night training that produces large amounts of noise and smoke, while preserving nearby open space, habitat, and agricultural lands.

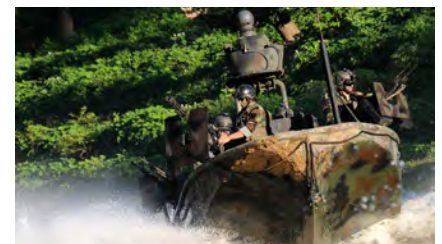
BENEFIT SUMMARY

COMMUNITY

- Protects working lands and maintains local character
- Protects habitat for endangered species
- Provides recreational opportunities

MILITARY

- Preserves live-fire, maneuver, helicopter, and night flying training that produces significant noise or requires minimal light pollution
- Prevents workarounds that would have otherwise limited training capacity
- Provides for future mission growth



A squadron engages in a live-fire training exercise (top), while a special boat team participates in a drill at the riverine training range at Fort Knox (bottom).

KEY PARTNERS

- Lincoln Trail Area Development District
- Kentucky Forest Service
- Kentucky Department of Fish and Wildlife Resources
- Kentucky Division of Conservation
- Kentucky Land Trust
- The Nature Conservancy
- Kentucky Nature Preserves

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
462
- » Transactions conducted:
3
- » Partner cost share:
11%
- » Project status:
In Progress

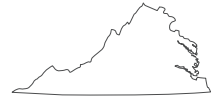
CONTACT

Public Affairs Office
(502) 613-2223

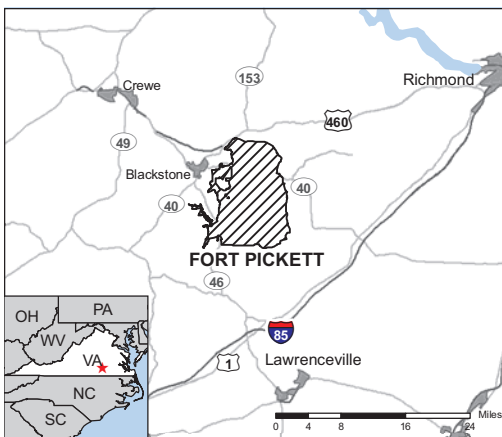


U.S. ARMY :

FORT PICKETT : VIRGINIA



Fort Pickett provides a live-fire and maneuver training site for active and reserve Army components, as well as the largest block of special use airspace in Virginia. The post has the highest active component man-days and the third highest total man-days in the Army National Guard. It is also the leading National Guard Training Center for the Marine Corps and the ground warfare forces of the Navy (such as Special Warfare). Because of such heavy use, the post's ranges and firing points produce large amounts of noise, dust, and smoke, and require a



dark-night sky for night flight operations.

However, as Fort Pickett's isolation dissipates and suburban development steadily closes in, conflicts with the growing population will increase over such training-related noise, vibrations, and smoke. To protect its mission, Fort Pickett is partnering with the Ward Burton Wildlife

Foundation—started by NASCAR driver and Daytona 500 winner Ward Burton—to preserve land near and adjacent to its boundary, ranges, and training routes. The Ward Burton Wildlife Foundation and other partners are acquiring conservation easements and lands in fee to ensure compatibility with these mission capabilities.

In addition to preventing development and protecting Fort Pickett's training capabilities, the partnership is also protecting local water resources and riparian zones. Fort Pickett is an island of ecological importance and this REPI project helps the post meet its natural and cultural resources management goals. Buffer lands and wildlife corridors along the post's boundary preserve the Nottoway River drainage and serve as habitat for species vital to the local fishing and ecotourism industry.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands and maintains local character
- Brings together new partners
- Provides recreational opportunities

MILITARY

- Preserves live-fire and maneuver training that produces significant noise
- Provides for future mission growth and multi-Service missions



Training at Fort Pickett includes working in a joint service environment for maneuver (top) and sling load operations, which include rigging a humvee to a helicopter (bottom).

KEY PARTNERS

- Ward Burton Wildlife Foundation
- Virginia Polytechnic Institute and State University – College of Natural Resources, Conservation Management Institute
- The Nature Conservancy
- Virginia Outdoors Foundation

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
3,962
- » Transactions conducted:
17
- » Partner cost share:
34%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(804) 236-7892



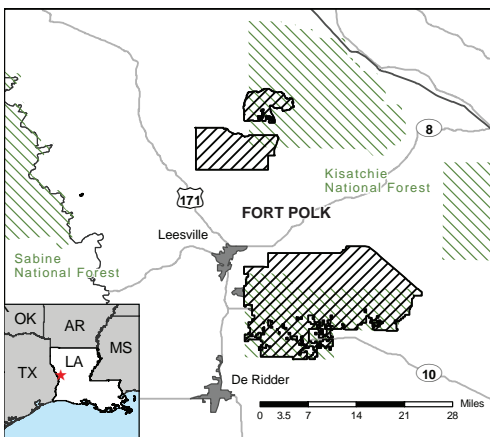
U.S. ARMY :

FORT POLK : LOUISIANA



Home of the Army's Joint Readiness Training Center (JRTC), Fort Polk is located mostly in Louisiana's Kisatchie National Forest in a special use agreement with the U.S. Forest Service. The post supports training for deploying units, including special operations forces, in contingency missions. The JRTC provides highly realistic and stressful joint operations exercises that are extremely important for supporting forces in Iraq, Afghanistan, and other theaters.

Fort Polk's location and surrounding ecosystem are critical to a host of species,



especially the Louisiana pine snake, one of the rarest snake species in North America, and the red-cockaded woodpecker. The loss of longleaf pine habitat across the Gulf coastal plains of the Southeast has put increased pressure on the installation to act as one of the last bastions of viable habitat. Protecting this habitat—and managing acquired REPI lands

to meet conditions desired for the species—can help prevent the listing of the pine snake under the Endangered Species Act. Listing the pine snake has the potential to impose significant restrictions on land use and off-road vehicle movement on-post.

Partnering with Fort Polk, with the support of the U.S. Fish and Wildlife Service, is The Nature Conservancy, who will acquire easements that will protect and expand the pine snake's habitat. The project also aims to sustain working forest lands and allow continued flexibility in the use and development of Fort Polk's land to meet its important national defense mission.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local character
- Provides habitat for rare and endangered species

MILITARY

- Preserves on-installation live-fire and maneuver training capacity
- Reduces lost training days and the need for workarounds that would reduce training realism or effectiveness
- Provides for future mission growth



A Chinook helicopter performing an exercise (top) and a Stryker vehicle firing a missile (bottom) at the Joint Readiness Training Center.

KEY PARTNERS

- The Nature Conservancy
- U.S. Fish and Wildlife Service

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,041
- » Transactions conducted:
3
- » Partner cost share:
8%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(337) 531-1344



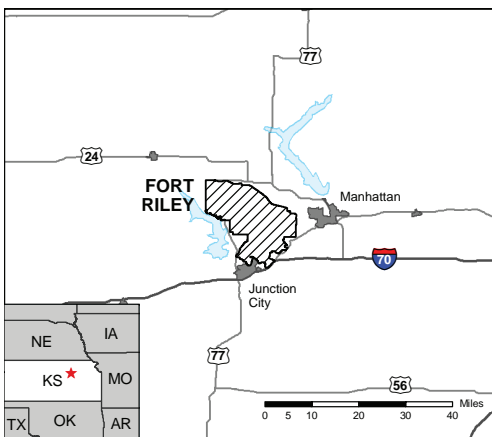
U.S. ARMY :

FORT RILEY : KANSAS



Working lands owned by ranchers near Fort Riley provide a situation that is conducive to maintaining ideal training conditions on-post.

Located in northeastern Kansas, Fort Riley trains over 30,000 soldiers predominantly in live-fire exercises and vehicle maneuver training in which every weapons system in a heavy artillery division's inventory may be fired. Such training generates significant amounts of noise, so for Fort Riley's mission to continue, development around the post must remain compatible with this requirement.



Building on an early partnership between the U.S. Department of Agriculture's Natural Resources Conservation Service and the Department of Defense, the post is sustaining the military mission and providing far-reaching benefits to the community's way of life. Together with the Kansas Land Trust, the partners are protecting family-owned ranches consisting

of prime soils and the largest remaining tracts of native tallgrass prairie in Kansas. Preserving the most altered ecological community in North America helps buffer important high-noise activities such as Howitzer and demolition training.

Also of note at Fort Riley was an effort that prevented the incompatible siting of a 100-turbine wind farm project that would have interfered with the operation of a Digital Airport Surveillance Radar station at Marshall Army Air Field. All told, the post's efforts help allow combined air and ground operations to continue and to protect the disappearing tallgrass prairie rangelands.

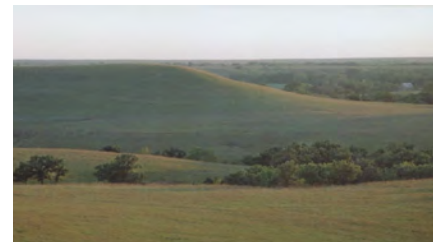
BENEFIT SUMMARY

COMMUNITY

- Protects working lands and local character that benefit the economy
- Supports existing regional planning efforts, including the development of a Joint Use Land Study to better coordinate planning efforts among various government entities

MILITARY

- Protects live-fire artillery, ground vehicle maneuver, helicopter, and night flying training that produces significant amounts of noise or requires minimal light pollution
- Prevents the loss of training days and less-realistic workarounds
- Provides for future mission growth and multi-Service efforts



Open space (bottom) preserved near Fort Riley preserves local character and allows ground vehicle maneuver training (top) to continue.

KEY PARTNERS

- Kansas Land Trust
- U.S. Department of Agriculture-Natural Resources Conservation Service
- Kansas Department of Natural Resources
- The Nature Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
10,902
- » Transactions conducted:
15
- » Partner cost share:
31%
- » Project status:
In Progress

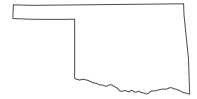
CONTACT

Public Affairs Office
(785) 239-3410

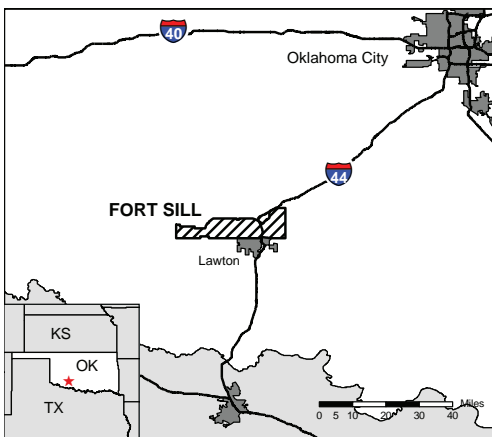


U.S. ARMY :

FORT SILL : OKLAHOMA



Home to the only artillery school for the Army and the Marine Corps, Fort Sill supports training that provides soldiers and Marines with the skills to provide timely and effective fire support to ground force commanders in a joint and combined arms environment. Training at Fort Sill includes Basic Combat Training and artillery training that requires utilizing the weapon's maximum range, but this requirement brings firing points close to the fenceline. As homes appear nearby or adjacent to the post, noise complaints could threaten to restrict training



activities.

Located in an area with prime agricultural soils and a community eager to protect its working lands, Fort Sill partnered with Land Legacy, a local land trust, to foster an innovative solution to keep those lands in agricultural production. Families keep their farms while easements prevent the incompatible development of residential housing

that can restrict training.

By creatively partnering with the U.S. Department of Agriculture–Natural Resources Conservation Service's Farm and Ranchland Protection Program, as well as the Comanche County Industrial Development Corporation, among others, Fort Sill buffers a growing urban area from the noise and dust of artillery training while providing economic benefits to local family farms. Landowners, business leaders, conservation groups, local government, and the military are working together to sustain their mutually compatible missions.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands for ranching and farming, benefitting the local economy
- Maintains local character
- Provides habitat for endangered species

MILITARY

- Preserves ability to conduct live-fire training and other training that produces noise
- Preserves capability for future mission growth and multi-Service exercises



Protecting habitat for the black-capped vireo (bottom) near Fort Sill helps to preserve heavy artillery training, such as that conducted with the Paladin Howitzer (top).

KEY PARTNERS

- Land Legacy
- U.S. Department of Agriculture–Natural Resources Conservation Service
- State of Oklahoma
- Comanche County Industrial Development Authority

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
3,203
- » Transactions conducted:
32
- » Partner cost share:
23%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(580) 442-4500



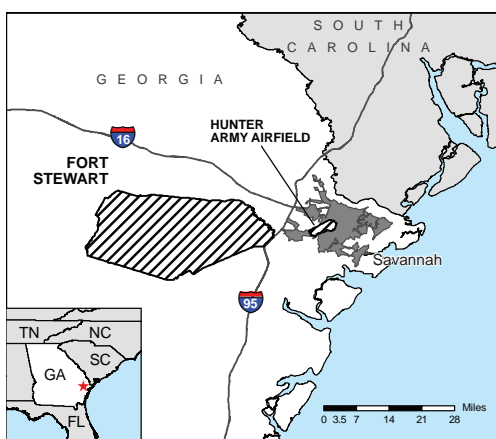
U.S. ARMY :

FORT STEWART : GEORGIA



The largest Department of Defense installation east of the Mississippi, Fort Stewart's 279,000 acres are home to the 3rd Infantry Division. Able to train up to 50,000 soldiers annually, the installation's live-fire facilities support the full range of Army weaponry. Together with local and national non-profit partners, as well as the state of Georgia, Fort Stewart is working on an ambitious project to protect large swaths of rural land near the installation.

Preventing incompatible development around Fort Stewart and Hunter Army



Airfield is safeguarding the continued use of the installation's controlled airspace—important for unmanned aerial vehicle operations and integrating close air support—as well as drop zones for paratrooper training.

The open space buffer is also allowing the installation to conduct activities that produce noise, dust, and smoke, such as

live-fire training, maneuver training, and controlled forest burns. Controlled burns prevent live ammunition from causing unplanned fires while also allowing native longleaf pine forests to thrive by restoring the natural balance of underbrush growth and suppressing undesirable hardwoods. Fort Stewart's longleaf pine forests support red-cockaded woodpeckers, flatwoods salamanders, and other rare species. These REPI efforts will help ease on-post management duties by permanently protecting surrounding off-post forests, as well as agricultural and water resources.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands that benefit the local economy
- Supports regional planning objectives
- Alleviates safety concerns
- Protects habitat for wildlife
- Maintains local character

MILITARY

- Preserves live-fire, operational airspace, and maneuver training capacity that generates noise, vibration and dust
- Prevents workarounds that would reduce training realism or effectiveness



Maneuver training at Fort Stewart (top). Habitat and water supplies protected by Fort Stewart REPI projects (bottom).

KEY PARTNERS

- Georgia Land Trust
- The Trust for Public Land
- The Nature Conservancy
- Georgia Department of Natural Resources
- The Conservation Fund
- Georgia Forestry Commission
- Chatham County
- City of Savannah

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
22,890
- » Transactions conducted:
31
- » Partner cost share:
27%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(912) 435-9980

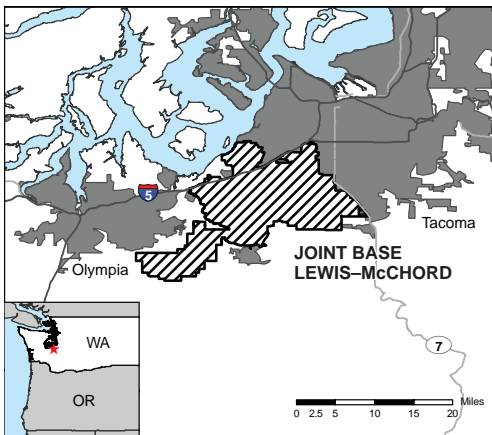


U.S. ARMY - U.S. AIR FORCE :

JOINT BASE LEWIS-McCHORD : WASHINGTON



Located on the Puget Sound in Tacoma, Wash., Joint Base Lewis-McChord combines an artillery and maneuver training mission with airlift operations and training. Live-fire exercises, training events for Stryker armored combat vehicle teams, and operational airlift missions carrying personnel, vehicles, supplies, and materials directly to Afghanistan and Iraq are threatened by incompatible development and habitat loss. This habitat loss threatens to leave the base as one of the last remaining areas of Puget lowland prairies, home to many



imperiled species.

A pair of REPI projects aims to restore habitat on southern Puget lowlands and to eliminate runway obstructions. The Nature Conservancy, Wolf Haven International, and the state of Washington provide all land purchase funds, while Department of Defense funds are used for management and restoration. This

allows for species recovery, monitoring, research, and planning to reduce and prevent restrictions on training.

REPI funding also leveraged contributions from the state of Washington, Pierce County, and the cities of Tacoma and Lakewood to acquire parcels north of the base's runway. These purchases prevent new commercial development and allow for the removal of buildings that violate runway safety zone requirements. Pilots will now be able to use a precision-guidance instrument approach system for bad weather conditions, previously unavailable due to encroachment. Meanwhile, ecological assets are preserved before they are endangered, benefiting the entire region.

BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning objectives
- Provides habitat for species
- Supports a "green corridor" that allows wildlife to travel between habitats
- Provides recreational opportunities

MILITARY

- Preserves on-installation live-fire and maneuver training capability
- Reduces the need for less-realistic workarounds
- Provides for future mission growth and multi-Service missions



A parachutist near Mount Rainier (top). An airman inspects the cargo floor of a C-17 to prepare for an airdrop mission (bottom).

KEY PARTNERS

- The Nature Conservancy
- Washington Department of Fish and Wildlife
- Washington Department of Natural Resources
- Wolf Haven International
- City of Lakewood
- City of Tacoma
- Pierce County

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,035
- » Transactions conducted:
9
- » Partner cost share:
62%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(253) 967-0058

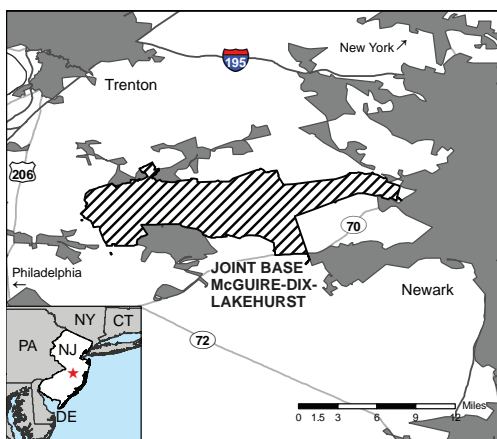


U.S. AIR FORCE - U.S. ARMY - U.S. NAVY :

JOINT BASE McGUIRE-DIX-LAKEHURST : NEW JERSEY



Located in central New Jersey's pinelands, Joint Base McGuire-Dix-Lakehurst is a tri-Service installation that combines McGuire Air Force Base, Fort Dix, and Naval Air Engineering Station Lakehurst. However, outward growth from the greater New York and Philadelphia regions could impact air operations and training across the Joint Base. This includes training on the Assault Landing Zone site for transport aircraft, air transportation of troops, equipment, and supplies, and other joint operations and training exercises.



To ensure compatible land uses around the base, plans call for protecting a two-mile buffer that will preserve remaining open space and agricultural lands. Burlington and Ocean Counties and the state of New Jersey are helping to conserve lands that would threaten the military mission if developed, particularly within and around the Accident Potential Zones of

the base's runways. These lands will also expand a nearby wildlife area, providing habitat for a state-listed snake species while preventing light pollution. Preserving a dark night sky for transport aircraft pilots to train at landing in assault zones with night-vision goggles is vital for replicating combat conditions.

Of note in this project was one property that contains a cranberry bog and its highly valued natural resources. Additionally, protection of nearby lands helps preserve working farmlands, freshwater tributaries to the Toms River, and recreational uses in the area, while also maintaining the pinelands ecosystem.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands
- Supports existing regional planning objectives
- Provides habitat for wildlife

MILITARY

- Preserves off-installation night flying capability through the buffering of high-noise areas
- Improves operational safety
- Provides for multi-Service missions and future mission growth



Airmen set up security measures at the Air Mobility Warfare Center (top). The first C-17 lands on a new Short Takeoff and Landing (STOL) runway protected by buffering (bottom).

KEY PARTNERS

- State of New Jersey
- Ocean County
- Burlington County
- New Jersey Pinelands Commission

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
3,304
- » Transactions conducted:
18
- » Partner cost share:
68%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(609) 754-2104

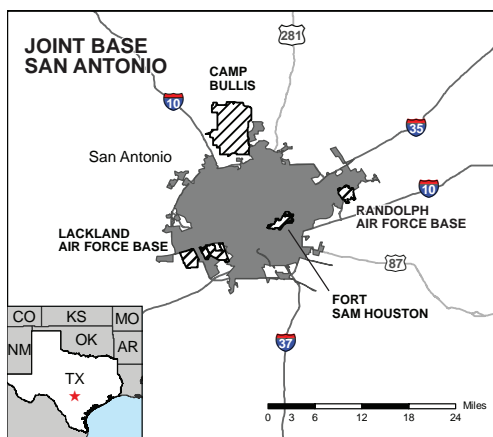


U.S. AIR FORCE - U.S. ARMY :

JOINT BASE SAN ANTONIO : TEXAS



Home to “the combat medic” and part of the newly formed Joint Base San Antonio, Camp Bullis hosts all student medic field training for the Department of Defense, as well as other training for Army and Air Force units. The post is the only field training location for the Joint Base, which is otherwise a heavily urbanized installation. With San Antonio’s quickly expanding suburbs threatening regional habitat for the golden-cheeked warbler (GCW), the resulting on-post endangered species restrictions are threatening Camp Bullis’s ability to conduct



training for its unique and critical mission.

To address these concerns and limit development, Camp Bullis’s partners are acquiring conservation lands and easements for GCW habitat, some as far as 25 miles away. Through a consultation under the Endangered Species Act, the post will be credited for promoting conservation of GCW

habitat, thereby helping thousands of acres of key training lands to be released from restrictions. This is allowing the post to clear dense, unoccupied habitat and increase its training area, enhancing training capabilities.

The efforts at Camp Bullis are also particularly noteworthy for the partnership with the city of San Antonio. The city donated over 3,000 acres valued at approximately \$15 million to the Texas Parks and Wildlife Department to be managed as habitat. Additionally, San Antonio introduced an endangered species ordinance that holds developers to strict species survey standards and other protections—a cutting-edge approach that has only been tried in one other state.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands that benefit the local economy
- Supports existing regional planning efforts, including “green corridor” habitat connections for wildlife
- Protects endangered species and local water supplies

MILITARY

- Protects live-fire artillery and ground vehicle maneuver training on-installation
- Mitigates noise concerns and improves operational safety



Preserving habitat for the golden-cheeked warbler (bottom) allows ground training sites at Camp Bullis to continue operation (top).

KEY PARTNERS

- The Nature Conservancy
- Texas Parks and Wildlife Department
- City of San Antonio
- U.S. Fish and Wildlife Service

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
7,667
- » Transactions conducted:
6
- » Partner cost share:
80%
- » Project status:
Completed

CONTACT

Public Affairs Office
(210) 221-1099

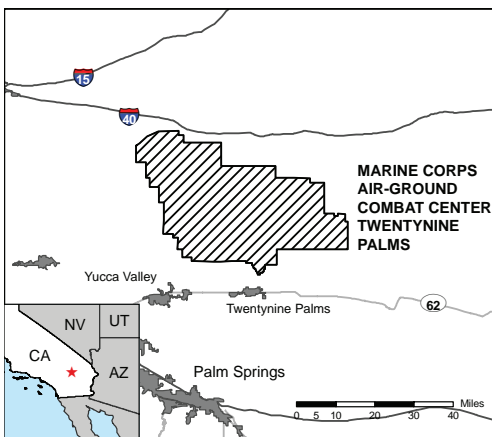


U.S. MARINE CORPS :

MCAGCC TWENTYNINE PALMS : CALIFORNIA



Ninety percent of U.S. Marines train in pre-deployment events at Marine Corps Air-Ground Combat Center (MCAGCC) 29 Palms, the Marine Corps' largest installation. Located in the Mojave Desert, the base provides vital training before deployment to desert combat areas. The culminating portions of training at 29 Palms cannot be replicated anywhere else in the U.S. because of its expansive desert environment and varied terrain. However, these training requirements, which also include new weapons systems and tactics, put a strain on



sensitive desert natural resources on-base.

Protecting habitat for the threatened desert tortoise and other species off the installation will help preserve quality training on the installation into the future. In partnership with the Mojave Desert Land Trust, 29 Palms helped protect land adjacent to the popular Joshua Tree National Park.

Together they are sustaining desert tortoise habitat and avoiding the creation of “off-limit” areas on-base that would disrupt and limit live-fire and maneuver training.

The land is part of a wildlife corridor extending down from Quail Mountain, the highest mountain in Joshua Tree National Park. Any damaged habitat on the land will be repaired by the Mojave Desert Land Trust, improving its ecological value. The land will then be donated and incorporated into Joshua Tree National Park. Meanwhile, the vital mission at 29 Palms will be protected from environmental restrictions and residential development.

BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning efforts
- Provides habitat for threatened species
- Links with a wildlife corridor

MILITARY

- Preserves on-installation live-fire, maneuver, and helicopter training capacity
- Reduces the need for less-realistic workarounds that would reduce training effectiveness
- Provides for future mission growth



MCAGCC 29 Palms' desert terrain provides an ideal pre-deployment training environment (bottom), including post-blast investigation of improvised explosive devices (IEDs, top).

KEY PARTNERS

- Mojave Desert Land Trust
- Copper Mountain College
- National Park Service

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
958
- » Transactions conducted:
1
- » Partner cost share:
70%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(760) 830-5473

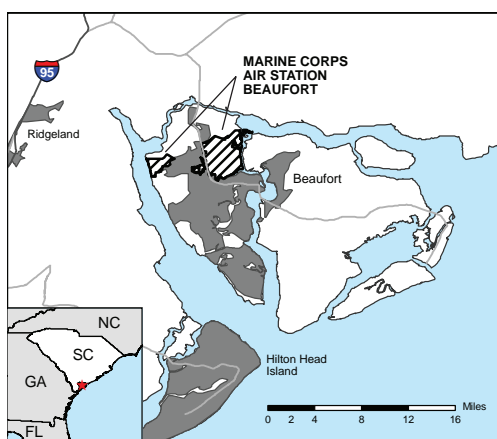


U.S. MARINE CORPS :

MCAS BEAUFORT : SOUTH CAROLINA



With its land and water ranges supporting a valuable mix of scenarios for training military aviators, Marine Corps Air Station (MCAS) Beaufort sits strategically along the Atlantic Ocean. With the only East Coast Marine F/A-18 squadrons, the base relies on adequate land and air space to sustain its training capabilities. The base's mission will take on even more importance in the future given the planned stand-up of MCAS Beaufort as a Joint Strike Fighter Integrated Training Center.



MCAS Beaufort has partnered with Beaufort County and the Beaufort County Open Land Trust to ease significant encroachment pressures, particularly within the Air Installation Compatible Use Zone, which helps define noise and safety considerations around the installation. In addition to safeguarding the mission, such as by preventing a residential

subdivision from being built in an Accident Potential Zone, REPI funds are helping to protect an endangered plant species and improving water quality and wildlife habitat.

MCAS Beaufort also established the first multi-partner REPI agreement in the Marine Corps, building on a positive relationship with conservation groups, local landowners, and local government. The Air Station has worked to combine its REPI efforts with a suite of tools to sustain its mission, including using the 10 U.S.C. § 2869 land exchange authority and working with local government to initiate a Transfer of Development Rights program.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands, benefitting the local economy
- Supports regional planning objectives, including a Joint Land Use Study
- Alleviates safety concerns
- Provides habitat for threatened and endangered species

- Protects water quality
- Preserves local character

MILITARY

- Preserves training capacity for fixed-wing aircraft and night flying
- Prevents workarounds that would reduce training realism or effectiveness
- Allows for future mission growth



MCAS Beaufort hosts training on aircraft such as the F/A-18 Hornet (top). Preserved wetlands near the installation help to protect area water quality (bottom).

KEY PARTNERS

- Beaufort County
- Beaufort County Open Land Trust
- City of Beaufort
- The Trust for Public Land
- South Carolina Department of Natural Resources

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
3,127
- » Transactions conducted:
14
- » Partner cost share:
50%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(843) 228-7558



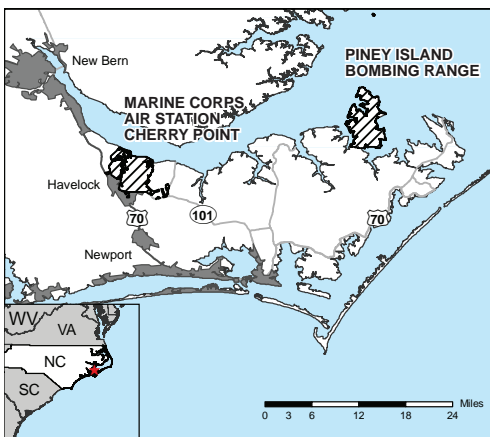
U.S. NAVY :

MCAS CHERRY POINT : NORTH CAROLINA

WITH PINEY ISLAND BOMBING RANGE



A critical asset for its combined training and operational capabilities and the largest air station in the Marine Corps, Marine Corps Air Station (MCAS) Cherry Point supports carrier landing practice, unmanned aerial systems, and ground maneuver training. Its range complex includes Piney Island Bombing Range, whose land and water ranges provide electronic and special warfare training. There are no other water-based ranges in the United States so close to nearby stationed aircraft along with ground-based units within flight range to off-shore



operating areas. This proximity allows those aircraft and ground units to effectively conduct joint operations.

Located along the Neuse River, large tracts of forest and farm land with water access near the installation are desirable for residential subdivision. Partnering efforts aim to stem encroaching development and conserve 25,000

acres around the Cherry Point Range Complex with the support of the North Carolina Coastal Land Trust, the state of North Carolina, and other partners. Easements protect local agricultural forestry use, which is compatible with the military mission. The land also includes valued recreational areas and a farm central to the prosperity of a local cooperative.

The Marine Corps has also implemented an innovative regional approach to its installations in Eastern North Carolina by creating REPI's first multi-installation agreement, facilitating collective projects with state and non-profit partners at MCAS Cherry Point, MCAS New River, and Marine Corps Base Camp Lejeune.

BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning, including a Joint Land Use Study
- Protects habitat for wildlife and water supply
- Provides recreational opportunities for tourists and area residents
- Preserves local character

MILITARY

- Preserves live-fire, maneuver, and helicopter training capacity through the buffering of high-noise areas
- Preserves night flying training capacity that requires minimal light pollution
- Improves operational safety



MCAS Cherry Point provides training on the SuperCobra attack helicopter (bottom) and bombing runs on nearby Piney Island (top).

KEY PARTNERS

- North Carolina Coastal Land Trust
- The Nature Conservancy
- State of North Carolina

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
5,055
- » Transactions conducted:
9
- » Partner cost share:
50%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(252) 466-4197



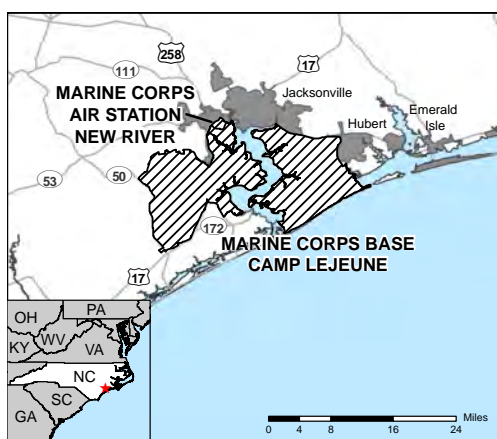
U.S. MARINE CORPS :

MCB CAMP LEJEUNE : NORTH CAROLINA

WITH MCAS NEW RIVER



The Department of Defense's largest amphibious training facility, Marine Corps Base (MCB) Camp Lejeune comprises 156,000 acres along the Atlantic Ocean, including 98 maneuver areas, 34 gun positions, 50 tactical landing zones, a state-of-the-art urban terrain facility, 78 live-fire ranges, and 11 miles of beach capable of amphibious operations. Units based here include the II Marine Expeditionary Force and the Marine Corps Forces Special Operations Command. Adjacent to Camp Lejeune and part of this base complex is Marine Corps



Air Station (MCAS) New River, which supports aviation combat units of fixed-wing, rotary, and tiltrotor aircraft.

Areas near the base complex are rich in habitat and working lands, but also attract commercial and residential development. Camp Lejeune has worked with a variety of partners within the Onslow Bight

Conservation Forum to preserve buffer land near the base. The preservation of this land helps to safeguard the base's invaluable training lands, ranges, and training routes, while sustaining the North Carolina coastal plain and assisting red-cockaded woodpecker recovery.

The Marine Corps has also implemented an innovative regional approach to buffering activities for all Marine Corps installations in eastern North Carolina by creating REPI's first multi-installation agreement. The agreement facilitates collective projects with state and non-profit partners at MCAS Cherry Point, MCAS New River, and MCB Camp Lejeune.

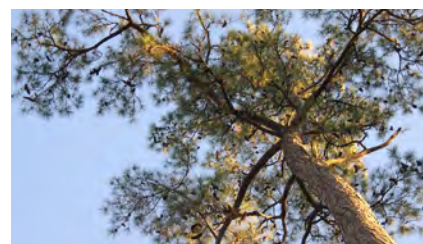
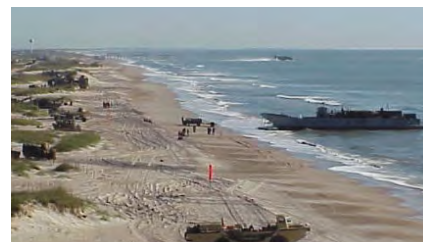
BENEFIT SUMMARY

COMMUNITY

- Supports regional planning objectives through innovative partnering and a Joint Land Use Study
- Preserves land within established conservation corridors
- Provides habitat for species
- Protects water quality and supply

MILITARY

- Preserves on-installation live-fire and maneuver training
- Ensures the ability to conduct helicopter training and other activities that generate significant noise



Amphibious training at MCB Camp Lejeune (top). Projects help preserve the longleaf pine ecosystem (bottom), which aids red-cockaded woodpecker recovery and sustinment.

KEY PARTNERS

- The Nature Conservancy
- North Carolina Coastal Land Trust
- State of North Carolina
- North Carolina Clean Water Management Trust Fund
- North Carolina Natural Heritage Trust Fund
- North Carolina Division of Parks and Recreation

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,885
- » Transactions conducted:
8
- » Partner cost share:
50%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(910) 451-7645

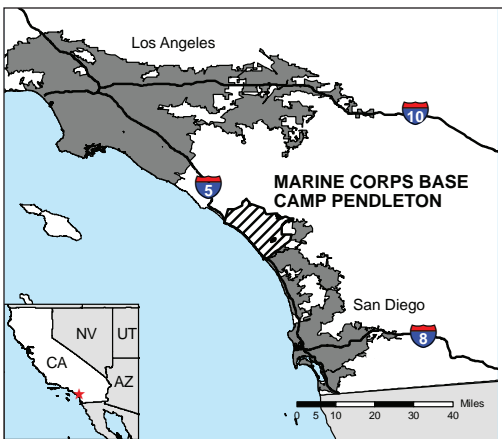


U.S. MARINE CORPS :

MCB CAMP PENDLETON : CALIFORNIA



One of the last remaining open spaces on the Southern California coast, Marine Corps Base (MCB) Camp Pendleton provides a critical training area and base of operations for the Western U.S. and Pacific theater. Home to the Marine Corps' only West Coast amphibious assault training center and one of the Department of Defense's busiest installations, Camp Pendleton hosts one of only three Marine Expeditionary Forces strategically positioned for global missions. The base provides diverse training opportunities while playing a critical ecological role—



it has some of the last remaining habitat for several threatened and endangered species.

Continuous growth in San Diego, Riverside, and Orange Counties, meanwhile, threatens the open space habitat near Camp Pendleton. Through their REPI partnering efforts, local land trusts are acquiring lands and the base is receiving easements to help

protect a critical wildlife corridor that provides connectivity essential to ensuring the long-term viability of installation wildlife populations. The corridor limits further fragmentation and isolation of base-managed populations of sensitive species, while a crediting system for habitat restoration eases on-base training restrictions.

This project continues Camp Pendleton's efforts to coordinate encroachment relief with various regional planning efforts, while providing multiple secondary benefits, such as preserving water quality and flow in the Santa Margarita River watershed and passive recreational opportunities.

BENEFIT SUMMARY

COMMUNITY

- Enhances existing regional planning efforts
- Provides public recreational opportunities
- Preserves habitat for species

MILITARY

- Preserves on-installation live-fire and maneuver training capacity
- Protects capacity for future growth in training requirements



Coastal mountains provide habitat and training (top). Amphibious training at Camp Pendleton's beaches (bottom).

KEY PARTNERS

- San Diego County
- Fallbrook Land Conservancy
- Riverside County
- Riverside Land Conservancy
- San Diego Association of Governments
- The Trust For Public Land
- Western Rivers Conservancy
- The Nature Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
1,681
- » Transactions conducted:
6
- » Partner cost share:
50%
- » Project status:
In Progress

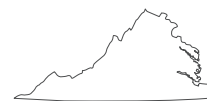
CONTACT

Community Plans & Liaison Officer
(760) 725-6513

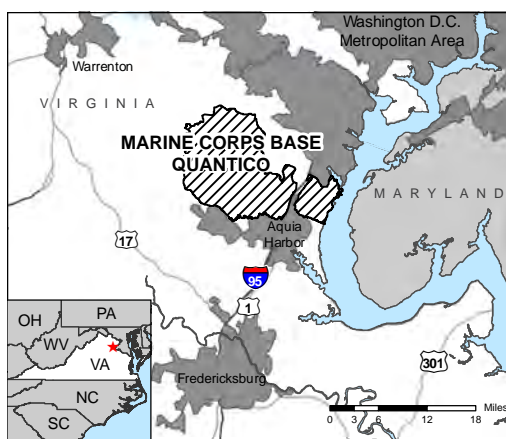


U.S. MARINE CORPS :

MCB QUANTICO : VIRGINIA



Marine Corps Base (MCB) Quantico, known as the “Crossroads of the Marine Corps,” is where all Marine Corps Officers receive their initial range combat training: first by qualifying in the Officer Candidate School, followed by the Basic School and the Infantry Officers Course. The base supports the only Marine Corps air facility near Washington, D.C. and provides helicopter transport to the President of the United States. MCB Quantico also hosts the FBI Academy and the Drug Enforcement Administration training academy.



Though MCB Quantico’s location near the nation’s capital underscores its importance, being in such a densely populated and growing area also threatens the base with expanding encroachment. Therefore, MCB Quantico partnered with a local conservation organization, the Prince William Conservation Alliance, to protect one of the last remaining swaths of

undeveloped land in the fast-growing region.

A preserved farm was added to the Virginia Department of Game and Inland Fisheries network of wildlife management areas, with MCB Quantico receiving a restrictive easement to ensure protection of the installation’s boundary from future development. The Marine Corps also obtained the right to construct and preserve up to 115 acres of wetlands, and to incorporate the wetlands into a mitigation bank—a first for the Marine Corps. The property is now open to the public for fishing, hunting, and educational programs. MCB Quantico and its partners are continuing to work to protect additional lands near training areas at the base’s airfield, further preserving open space and forest land.

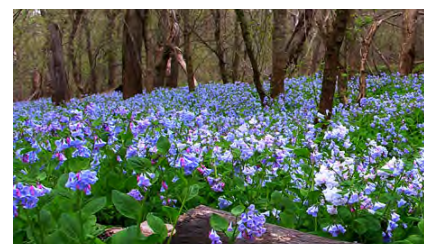
BENEFIT SUMMARY

COMMUNITY

- Brings together new partners
- Protects working lands and water resources
- Provides recreational opportunities

MILITARY

- Preserves live-fire training capabilities
- Protects helicopter training and operations that produce significant noise



A squad of officer candidates charge forward into the Quigley water obstacle (top). Merrimac Farm, protected with REPI and partner funds, has one of the largest patches of Virginia bluebell flowers (bottom, photo courtesy of Prince William Conservation Alliance).

KEY PARTNERS

- Prince William Conservation Alliance
- Virginia Department of Game and Inland Fisheries

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
416
- » Transactions conducted:
2
- » Partner cost share:
50%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(703) 784-5927

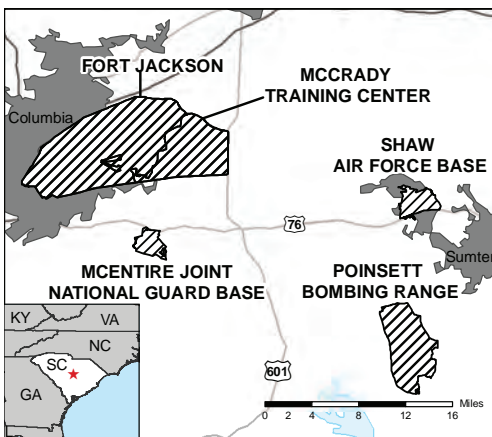


U.S. ARMY - U.S. AIR FORCE :

MIDLANDS AREA JOINT INSTALLATION CONSORTIUM : SOUTH CAROLINA



Comprised of five military installations, the Midlands Area Joint Installation Consortium (MAJIC) formed in 2007 in response to a pressing need to protect training resources at Fort Jackson, Shaw Air Force Base, McEntire Joint National Guard Base, Poinsett Bombing Range, and McCrady Training Center. The area between the installations in the Midlands area of central South Carolina creates a 670-square-mile focus area for military operations, and the installations are used by personnel from all four Services for an array of training



purposes.

MAJIC combines these installations' efforts to prevent increasing urban encroachment that could result in complaints about noise, dust, and smoke from military exercises. By reducing duplicative efforts and sharing lessons learned, MAJIC is working to ease incompatible development and possibly receive credits for red-

cockaded woodpecker recovery in order to alleviate current pressures on training.

These coordinated efforts are preventing housing from being developed in several areas important for military operations: under flight approach or helicopter routes, in locations that would result in noise complaints from live-fire artillery and vehicle maneuver training, and where light would affect night vision equipment for air-to-ground range operations. Meanwhile, the project advances regional efforts to sustain longleaf pine habitat and important watersheds, protect the local economy, and support national defense.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands and local character that benefit the economy
- Supports existing regional planning efforts, including a Joint Use Land Study and "green corridors" for wildlife migration
- Protects endangered species

MILITARY

- Protects on-installation live-fire artillery/bombing, vehicle maneuver, and helicopter training that produces significant amounts of noise
- Supports the ability to train for multi-Service missions



Preserved buffer land benefits vehicle maneuver exercises (top) and F-16 training (bottom).

KEY PARTNERS

- The Conservation Fund
- City of Sumter
- Sumter County
- Richland County
- South Carolina Department of Natural Resources

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
7,759
- » Transactions conducted:
21
- » Partner cost share:
89%
- » Project status:
In Progress

CONTACT

Public Affairs Office
McCrady Training Center
(803) 751-1742



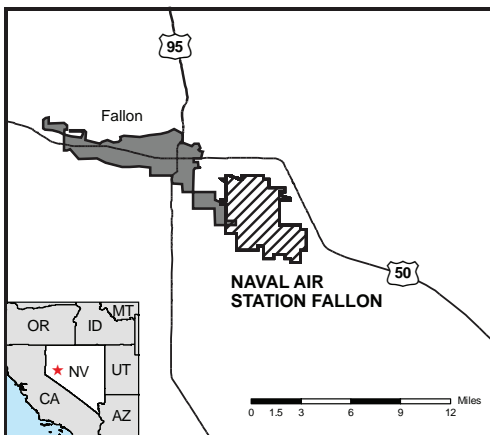
U.S. NAVY :

NAS FALLON : NEVADA



Naval Air Station (NAS) Fallon is the Navy's premier tactical air warfare training center, the only facility where an entire carrier air wing can conduct comprehensive training and integrate realistic battle scenarios. The climate around Fallon is highly conducive to year-round flight training, and four live-bombing ranges nearby are invaluable to training operations. However, NAS Fallon is located in an area of Nevada with rapid growth and development.

To protect its mission, the air station and its partners are acquiring conservation



and restrictive-use easements within the highest priority areas, such as under flight departure corridors and other areas that would adversely affect the mission if developed. Protecting the corridors allows for training with live weapons and keeps all training currently unrestricted.

Together with its partners, NAS

Fallon is permanently protecting

local ranchland, including historical ranches as designated by the Nevada Historic Preservation Office. Additionally, in conjunction with its REPI partnership with the air station, Churchill County enacted an innovative Transfer of Development Rights (TDR) ordinance that now helps the partnership preserve agricultural land near and within NAS Fallon's conservation buffer zone. By protecting agriculture uses as well as NAS Fallon's viability, the TDR program helps to promote economic interests without inhibiting growth.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands for ranchers, benefiting the local economy
- Maintains community's local character

MILITARY

- Preserves live-fire training capacity
- Ensures the ability to conduct training or testing activities that generate noise
- Enhances operational safety and installation security, and addresses future safety concerns



Helicopter training on desert terrain (top). Desert scrub brush provides partial camouflage for ground training efforts (bottom).

KEY PARTNERS

- Churchill County
- Lahontan Valley Land and Water Alliance
- Nevada Land Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
3,909
- » Transactions conducted:
42
- » Partner cost share:
32%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(775) 426-2773



U.S. NAVY :

NAS JRB NEW ORLEANS : LOUISIANA



Providing critical access to Gulf of Mexico air ranges, Naval Air Station (NAS) Joint Reserve Base (JRB) New Orleans' multiple readiness missions require training pilots on several aircraft, including helicopters, from multiple Services. The air station also maintains readiness 24 hours a day, seven days a week to launch in support of the Department of Homeland Security and coastal rescue operations. The base allows for overwater operations, live weapon firings and urban close-air-support environments. Its proximity to the Gulf also reduces time



to get to critical oil production facilities and saves precious minutes for search and rescue operations.

As part of its efforts, NAS JRB New Orleans completed the largest REPI transaction in the Navy's history. Joining with the Trust for Public Land and Plaquemines Parish, the air station protected one of its most active runways

from a planned 600-home subdivision nearby. Developing the subdivision would have threatened to curtail aviation training at the base because of noise and safety concerns, thereby threatening its viability.

With flight operations expected to remain level or increase in coming years, the installation is protecting an essential economic driver for a New Orleans region still looking to recover from hurricane devastation. Not only does the project protect the base, itself a community asset, but the land will also provide an opportunity for a new Parish-managed park for the public to enjoy.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands and local character that benefit the economy
- Supports existing regional planning efforts, including the development of a Joint Use Land Study to better coordinate planning efforts among various government entities

MILITARY

- Protects live-fire artillery, maneuver, helicopter, and night flying training that produces significant amounts of noise or requires minimal light pollution
- Prevents the loss of training days and the use of less-realistic workarounds
- Provides for future mission growth and multi-Service missions



Facilities at NAS JRB New Orleans provide the Navy with a diverse array of training venues (top and bottom).

KEY PARTNERS

- The Trust for Public Land
- Plaquemines Parish
- State of Louisiana

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
202
- » Transactions conducted:
1
- » Partner cost share:
27%
- » Project status:
In Progress

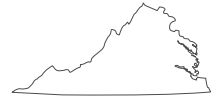
CONTACT

Community Plans & Liaison Officer
(504) 678-9941

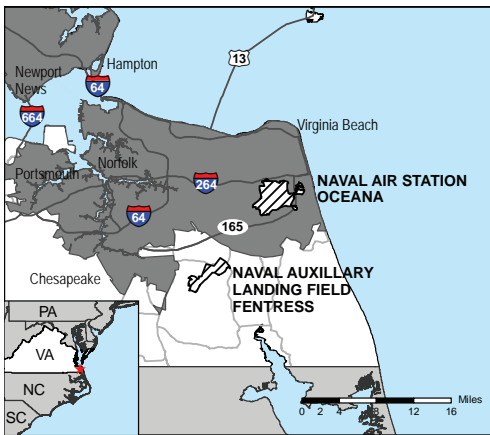


U.S. NAVY :

NAS OCEANA : VIRGINIA



The Navy's only East Coast master jet base, Naval Air Station (NAS) Oceana is home to F/A-18 squadrons and supports carrier aircraft home-basing, training, and pre-deployment requirements. Its location in Virginia Beach places it ideally near the Navy's carrier fleet in Norfolk, offshore training ranges, and inland training routes up and down the eastern seaboard. However, much of Virginia Beach and the greater Hampton Roads region are built out, full of residential development that continues to require NAS Oceana to modify flight procedures and



operations.

Protecting key remaining open space around the installation's only major outlying landing field, Naval Auxiliary Landing Field (NALF) Fentress, and the inter-traffic area for flight routes to and from the air station is vital for NAS Oceana's capabilities. Work by the cities of Virginia Beach and Chesapeake,

to acquire easements in high noise

areas and safety zones allows carrier landing practice to continue at NALF Fentress. These protected lands, which include working agricultural lands, also add to a "greenbelt" and are important for the regional watershed.

To further enhance the efforts of this project, NAS Oceana has been working with the local governments and the state of Virginia to develop a comprehensive plan for the inter-traffic area. Not only do the partners plan and coordinate easement acquisition but the local governments have also adopted zoning recommendations to sustain mission compatibility.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local character
- Supports existing regional planning efforts, including the development of a Joint Land Use Study

MILITARY

- Protects off-installation maneuver and night flying training capacity that generates significant noise
- Reduces lost training days and the need for workarounds that limit training realism or effectiveness
- Improves operational safety
- Provides for multi-Service missions



An F/A-18 Hornet performs a touch-and-go landing at NAS Oceana (top). F-14 Tomcats flying in support of the mission in Iraq (bottom).

KEY PARTNERS

- City of Chesapeake
- City of Virginia Beach
- Hampton Roads Planning District Commission

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
2,053
- » Transactions conducted:
19
- » Partner cost share:
53%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(757) 433-3131



U.S. NAVY :

NAS PENSACOLA : FLORIDA



Naval Air Station (NAS) Pensacola is the initial training base for all Navy, Marine Corps, and Coast Guard aviators and Naval Flight Officers. It is also the advanced training location for most Naval Flight Officers and home of the famous Blue Angels demonstration squadron. This “Cradle of Naval Aviation” sits along the Gulf Coast, providing access to overwater ranges. But its location just southwest of Pensacola city limits also leaves it susceptible to expanding urban growth.



As one of the earliest REPI projects, NAS Pensacola partnered with Escambia County for the Navy’s first transaction using the REPI authority. The county acquired a plantation adjacent to the installation’s airfield, with the Navy receiving a restrictive easement to permanently prevent incompatible land uses. The plantation is within the airfield

accident potential zone, where planned residential development would have severely impacted NAS Pensacola’s important aviator training mission.

This project highlights the partnership’s concerted coordinated planning efforts, while the preservation of the plantation meets the goals of a Joint Land Use Study among the county, air station, and the county’s comprehensive plan. The county also passed an Airfield Environs Overlay ordinance to ensure that any future development applications are reviewed for compatibility with NAS Pensacola’s safety zones and buffers. The buffered land can now be used for public recreation and open space, benefiting the military and public alike.

BENEFIT SUMMARY

COMMUNITY

- Brings together new partners to coordinate with existing regional planning efforts, including a Joint Land Use Study
- Maintains local character
- Provides recreational opportunities

MILITARY

- Preserves maneuver, helicopter, and night flying training that produces significant noise or requires minimal light pollution
- Prevents workarounds that would have otherwise limited training capacity
- Reduces lost training days



The Blue Angels demonstration squadron performs a maneuver over NAS Pensacola (top). In 2010, the air station deployed a pollution response unit to protect the environmentally sensitive grass beds from the Deepwater Horizon oil spill (bottom).

KEY PARTNERS

- Escambia County

FAST FACTS AS OF 30 SEP 12

- » Acres preserved: **48**
- » Transactions conducted: **1**
- » Partner cost share: **62%**
- » Project status: **Completed**

CONTACT

Community Plans & Liaison Officer
(850) 291-4939



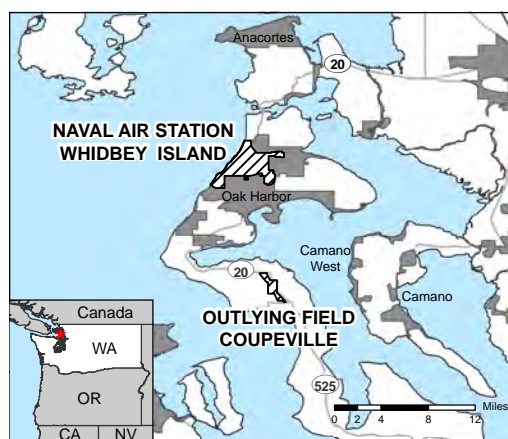
U.S. NAVY :

NAS WHIDBEY ISLAND : WASHINGTON

WITH OLF COUPEVILLE



Home to electronic warfare aircraft such as the EA-18G Growler, EA-6B, and P-3C Orion, Naval Air Station (NAS) Whidbey Island is located along the Puget Sound in Washington. Aircrews train for anti-submarine warfare, maritime surveillance, and electronic warfare missions that protect fleet surface units by gathering radio intelligence and jamming enemy radar systems. The air station also maintains a search and rescue unit, providing 24/7 rescue support for the Pacific Northwest region. The air station's Outlying Field (OLF) Coupeville



is located just a few miles south and is used for fleet carrier landing practice.

To ensure military training capability is protected, the air station's partners took advantage of funding from the Washington Military Sustainability Program, a state public-private partnership that supports projects to protect the military mission and the

environment. Additionally, the local government adopted new accident potential zones in the local zoning code to protect public safety and promote compatible land uses.

NAS Whidbey Island's partnership with Island County, the state of Washington, and the city of Oak Harbor has already prevented a proposed shopping pavilion from being developed in an accident potential zone. Partners acquired a restrictive easement on commercially zoned land that lies near the installation's runway. Another effort is protecting farm land within a National Historic Reserve near OLF Coupeville and is leading to other REPI projects in the same area. By reducing further development threats to the mission, the Navy is successfully protecting the ability to train with new electronic warfare aircraft.

BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning objectives
- Improves operational safety

MILITARY

- Preserves the ability to conduct off-installation night flying training that generates a significant amount of noise and requires minimal light pollution
- Allows for future mission growth



The EA-6B, which jams enemy radar, conducts maneuvers above NAS Whidbey Island (top). A Sea King helicopter conducting search and rescue exercises (bottom).

KEY PARTNERS

- City of Oak Harbor
- Island County
- State of Washington
- Whidbey Camano Land Trust

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
129
- » Transactions conducted:
3
- » Partner cost share:
59%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(360) 257-3315

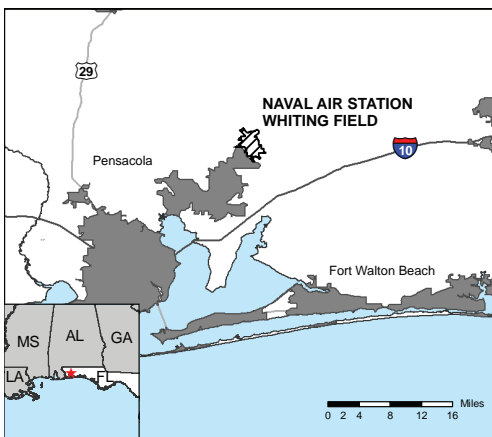


U.S. NAVY :

NAS WHITING FIELD : FLORIDA



Part of a strong military presence in Florida's Northwest Panhandle, Naval Air Station (NAS) Whiting Field's mission is to train nearly 2,000 students annually to safely fly helicopters and airplanes. The air station provides all helicopter pilot training for the Navy, Marine Corps, and Coast Guard and 60% of all primary pilot fixed-wing training. At the North and South Fields, which are being directly buffered through REPI efforts, more than 400 flights are launched a day with an aircraft taking off or landing every eight seconds during normal flight operations.



A majority of the land surrounding NAS Whiting Field is used for agriculture, forestry, or other open spaces, which are all compatible with the installation's operational integrity. Strong support from Santa Rosa County, the state of Florida, and The Nature Conservancy led to the acquisition of protective easements within designated high-priority Accident

Potential Zones and high-noise areas extending directly from the runways.

REPI easements help shield the air station from noise complaints and ease community safety concerns, while also protecting working lands and boosting the local economy. The military presence in Santa Rosa County provides an additional 15,000 direct and indirect jobs and a total economic impact of approximately \$856 million. Additionally, recent acquisitions will be used for off-road recreation, with a long-term aim of connecting over nine miles of public non-motorized paved trails. Parts of the land will also provide valuable habitat for a number of rare species.

BENEFIT SUMMARY

COMMUNITY

- Brings together new partners to coordinate with existing regional planning efforts, including a Joint Land Use Study
- Preserves working lands, local character, and recreational opportunities

MILITARY

- Protects off-installation air operations, helicopter, and night flying capability that generates noise or requires minimal light pollution
- Prevents lost training days and reduces the need for less-realistic workarounds
- Provides for future mission growth



Helicopter training at NAS Whiting Field (bottom) is ideally situated for the Navy's offshore missions (top).

KEY PARTNERS

- Florida Department of Environmental Protection
- Santa Rosa County
- Florida Office of Greenways and Trails
- The Nature Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
2,615
- » Transactions conducted:
17
- » Partner cost share:
56%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(850) 623-7196



U.S. NAVY :

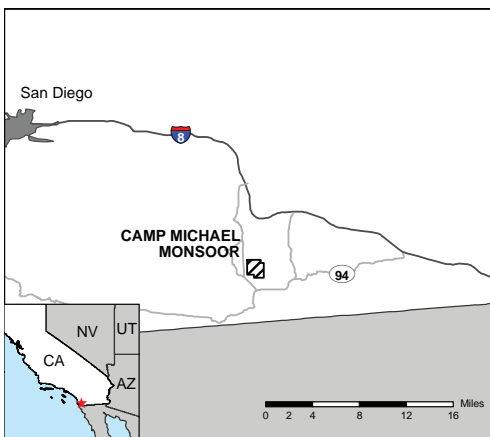
NB CORONADO : CALIFORNIA

WITH CAMP MICHAEL MONSOOR



Mountain Warfare Training Camp Michael Monsoor at La Posta is associated with the Naval Base Coronado complex and lies 50 miles east of San Diego in the rugged Laguna mountains. Also adjacent to the Cleveland National Forest, the facility provides an ideal realistic training platform to support crucial Naval Special Warfare training.

Initiated by a Memorandum of Agreement between the state of California and the Department of Defense in 2004, partner easements help preserve the mountainous



terrain and relatively isolated nature of the facility. As one of the few areas where Special Forces can train in a real-life scenario with limited interference, preventing incompatible development is vital to avoiding increased light sources and noise complaints that could affect training. This environment is similar to relevant foreign geographies and keeping

nearby lands undeveloped helps ensure the military's continued ability to undertake reconnaissance, map, compass, and other special warfare training.

The Naval Base Coronado project also preserves habitat for a nearby wildlife corridor, which can support the endangered Quino checkerspot butterfly, and may involve a local utility to ensure future energy infrastructure is compatible with training requirements. This REPI partnership helps ensure that encroachment problems do not impact this key training facility in the future.

BENEFIT SUMMARY

COMMUNITY

- Preserves working lands and local character
- Supports a green corridor that allows animals to travel between habitats
- Supports regional planning objectives
- Provides recreational opportunities

MILITARY

- Preserves live-fire, maneuver, helicopter, and night flying capability that produces significant noise or requires minimal light pollution
- Improves operational safety
- Prevents lost training days and workarounds that would reduce training realism or effectiveness
- Prevents electromagnetic interference



Navy SEALs spend two weeks training in special warfare at Camp Michael Monsoor before earning their qualification (top and bottom).

KEY PARTNERS

- The Nature Conservancy
- The Trust for Public Land
- San Diego Gas and Electric
- U.S. Fish and Wildlife Service
- State of California

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
330
- » Transactions conducted:
2
- » Partner cost share:
32%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(619) 545-8167

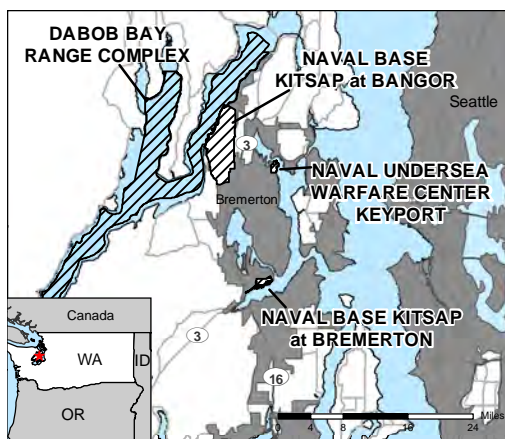


U.S. NAVY :

NB KITSAP : WASHINGTON



The Dabob Bay Range Complex is a critical research, development, test and evaluation (RDT&E) site for underwater systems such as torpedoes, unmanned undersea vehicles, and ship systems. Located in the Hood Canal on the Puget Sound, the range complex is part of the Naval Undersea Warfare Center Keyport, a component of Naval Base (NB) Kitsap. The pristine and undeveloped deep water nature of Dabob Bay and Hood Canal allows the Navy to perform sensitive acoustical testing. As technology and military equipment advance



and become quieter, an undisturbed environment becomes more important to the RDT&E mission.

The Navy is partnering with the Washington Department of Natural Resources, The Nature Conservancy, and The Trust for Public Land to preserve areas of Hood Canal and protect the Navy's RDT&E mission and military operating areas (MOAs).

The partners will acquire lands and the Navy will purchase an easement to preserve undeveloped shoreline beaches and other habitat within the Dabob Bay Natural Area and throughout Hood Canal for mission protection and conservation. The partnership will prevent incompatible development and increased boating to protect the Navy's sensitive acoustical testing and operations in Hood Canal MOAs.

As one of the least developed and most ecologically important estuaries in the Puget Sound, this area is vital for productive and diverse salmonids, native Olympia oyster beds, and other keystone fish and mammal species. Through REPI, Dabob Bay and Hood Canal will remain compatible with the Navy's mission while minimizing coastal impacts and protecting water quality. Washington state will also transfer timberlands into natural area management.

BENEFIT SUMMARY

COMMUNITY

- Supports a green corridor and provides habitat for notable species
- Supports regional planning efforts and provides economic benefits
- Protects resources important to indigenous tribes

MILITARY

- Preserves sensitive test capacity through the buffering of noise-sensitive areas
- Protects important MOAs and ranges and enhances security
- Reduces electromagnetic interference



NB Kitsap tests new generation of weapons, sensors and undersea vehicles (top). The base also uses goats for an environmentally-friendly method of clearing brush (bottom).

KEY PARTNERS

- The Nature Conservancy
- Washington Department of Natural Resources
- The Trust for Public Land

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(360) 396-5191



U.S. NAVY :

NB VENTURA COUNTY : CALIFORNIA



Naval Base (NB) Ventura County is an important home to research, development, test and evaluation initiatives of the Naval Air Warfare Center Weapons Division. The base is located adjacent to the 36,000 square mile Sea Range, a uniquely vital resource providing a maritime test environment unavailable elsewhere in the Navy. Point Mugu, in particular, is a key launch and recovery point for new weapons systems, such as the F/A-18 Super Hornet and likely the F-35 Joint Strike Fighter, when aviators test aircraft weapons and electronic warfare systems at



the Sea Range.

This REPI project is a part of an effort to protect Ormond Beach, which is considered by wetlands experts to be the most important wetland restoration opportunity in southern California. Urban development in this area could force additional mission workarounds and restrictive noise abatement procedures for test,

training, and operations. Buffers for NB Ventura County also allow partners to modify the site's hydrology to restore tidal action and bring back freshwater flows. When combined with adjacent freshwater wetlands and the Mugu Lagoon, this REPI project could be part of the largest coastal wetland in southern California.

Easements will also provide economic incentives for farmers to continue their agricultural businesses, at a time when market factors could force them to sell their land to developers. Keeping the land compatible with Navy test and training benefits overall national military readiness while supporting the local economy and sustained health and safety for the public and the environment.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands and local character that benefit the economy
- Provides habitat for notable species
- Provides recreational benefits for area residents

MILITARY

- Preserves maneuver training capacity through the buffering of high-noise areas
- Reduces electromagnetic interference
- Provides for future mission growth and supports the ability to test and train for multiple Service missions



A F/A-18 Super Hornet flies over the Sea Range and NB Ventura County (top). Mugu Lagoon is potentially the largest coastal wetland in southern California (bottom).

KEY PARTNERS

- The Nature Conservancy
- California State Coastal Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

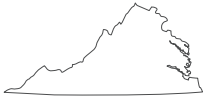
CONTACT

Community Plans & Liaison Officer
(805) 989-9752



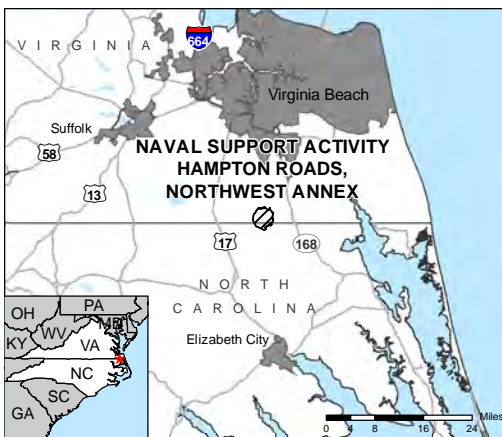
U.S. NAVY :

NSA HAMPTON ROADS, NORTHWEST ANNEX : VIRGINIA



Naval Support Activity (NSA) Hampton Roads, Northwest Annex's mission focuses on cryptologic information support to the Navy,

Coast Guard, and Department of Homeland Security. Its primary assets include sensitive communications facilities, training ranges, and support facilities, including the Relocatable Over-the-Horizon Radar (ROTHR) system. The ROTHR system's mission is to detect and monitor drug trafficking aircraft and ships, which is important for the National Drug Control Strategy. It is the only wide area



surveillance asset in the Caribbean basin and South America, with the ability to cover more than 10 million square miles north to south from Florida to Bolivia, and east to west from Brazil to the Galapagos Islands.

Located in the greater Norfolk region, NSA Hampton Roads, Northwest Annex is exposed to electromagnetic interference (EMI)

that can severely impact ROTHR's operation. EMI inhibits the system's ability to process accurate signals by increasing the background "noise" and potentially masking targets that may go undetected. To protect the ROTHR capability, the city of Chesapeake is working with the Navy to purchase restrictive easements for land within EMI restriction zones to prevent development that would produce EMI disturbances.

In addition to protecting the ROTHR system, which cannot be replicated elsewhere to meet the current mission, this REPI project preserves important ecosystems and lands that provide conservation corridors. The land can remain as open space or agriculture, enhancing area watersheds, while the Navy can continue collecting and disseminating tactically significant air and surface tracking data.

BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning efforts
- Protects working lands
- Protects habitat for notable species

MILITARY

- Reduces electromagnetic interference



NSA Hampton Roads, Northwest Annex also conducts simulated visit, board, search and seizure training courses, which include rappelling and container search maneuvers (top) and non-compliant vessel boarding exercises (bottom).

KEY PARTNERS

- City of Chesapeake

FAST FACTS AS OF 30 SEP 12

- » Acres preserved: **639**
- » Transactions conducted: **1**
- » Partner cost share: **53%**
- » Project status: **In Progress**

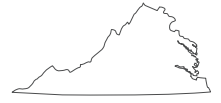
CONTACT

Community Plans & Liaison Officer
(757) 836-1837



U.S. NAVY :

NSF DAHLGREN : VIRGINIA



Naval Support Facility (NSF) Dahlgren supports the research, development, test, and evaluation (RDT&E) activities of the Naval

Surface Warfare Center Dahlgren Division for large-caliber weapons—including the Electromagnetic Rail Gun—and explosive detonations. NSF Dahlgren is located on the Potomac River 50 miles south of Washington D.C. in Virginia, allowing for use of the Potomac River Test Range, the nation’s largest fully instrumented over-water gun-firing range. Here the Navy fires every type of gun in use and being developed



for Navy ships. The sound and shock waves travel up and down the river and impacts residents of Maryland and Virginia alike.

To prevent incompatible development and protect NSF Dahlgren’s RDT&E mission, the Navy is working with a number of partners to preserve land on both banks of the Potomac River and up to several miles inland. In some

cases the partner may acquire the land in fee, but in all cases the Navy will acquire restrictive easements. These easements will remove the development rights on agricultural and forested lands.

Much of the land targeted for protection is already adjacent to public lands that cannot be developed. Protecting these private lands helps secure the isolation of NSF Dahlgren’s mission activities, reducing potential complaints related to noise and shock waves. Additionally, this project advances stream protection initiatives and supports goals for preserving habitat and species throughout the Chesapeake Bay ecosystem, while also protecting the viewshed from the adjacent George Washington Birthplace National Monument.

BENEFIT SUMMARY

COMMUNITY

- Protects working farm lands
- Preserves habitat for threatened, endangered, and at-risk species
- Preserves water quality and protects water supply
- Protects cultural resources

MILITARY

- Protects live-fire testing that produces significant amounts of noise and vibration
- Prevents workarounds that would reduce test and training capacity
- Allows for future mission growth



Research, development, test, and evaluation activities include the testing of unmanned aerial vehicles (top), as well as electromagnetic railgun, a long-range weapon that fires projectiles using electricity (bottom).

KEY PARTNERS

- Northern Neck Land Conservancy
- Maryland Department of Natural Resources
- Virginia Department of Game and Inland Fisheries
- The Conservation Fund
- The Nature Conservancy
- The Trust for Public Land

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(202) 685-0238



U.S. NAVY :

NSF INDIAN HEAD : MARYLAND



Naval Support Facility (NSF) Indian Head supports the research, development, test, and evaluation (RDT&E) activities of the Naval Surface Warfare Center Indian Head Division. Its mission is to provide RDT&E of energetics and energetics material for warheads, propulsion systems, and ordnance. NSF Indian Head is located on the Potomac River approximately 20 miles south of Washington, D.C. on the Maryland side of the river, allowing for outdoor explosives testing over water. Although such testing occurs away from the main D.C. population



centers, the sound waves travel up and down the river and impacts residents of Maryland and Virginia alike.

To prevent incompatible development and protect NSF Indian Head's RDT&E mission, the Navy is working with a number of partners to preserve land on both banks of the Potomac River and up to several miles inland. In some

cases the partner may acquire the land in fee, but in all cases the Navy will acquire restrictive easements. These easements will remove the development rights on agricultural and forested lands.

Much of the land targeted for protection is already adjacent to public lands that cannot be developed. Preventing development on these private lands would help secure the isolation of NSF Indian Head and its mission activities, reducing the potential for complaints related to noise and shock waves from explosives and demolitions. Additionally, increasing protected lands in this area supports stream protection initiatives and supports goals for preserving habitat and species throughout the Chesapeake Bay ecosystem.

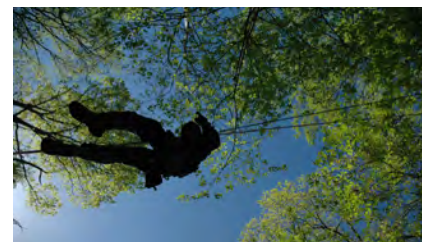
BENEFIT SUMMARY

COMMUNITY

- Protects working farm lands
- Preserves habitat for threatened, endangered, and at-risk species
- Protects water quality and water supply

MILITARY

- Protects live-fire testing that produces significant amounts of noise and vibration
- Prevents workarounds that would reduce test and training capacity
- Improves operational safety



A technician practices a rope rescue exercise (top). Some research, development, test, and evaluation activities include detonating an improvised explosive device to develop better ways of combating them in the field (bottom).

KEY PARTNERS

- Maryland Department of Natural Resources
- Virginia Department of Game and Inland Fisheries
- The Conservation Fund
- The Nature Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(202) 685-0238

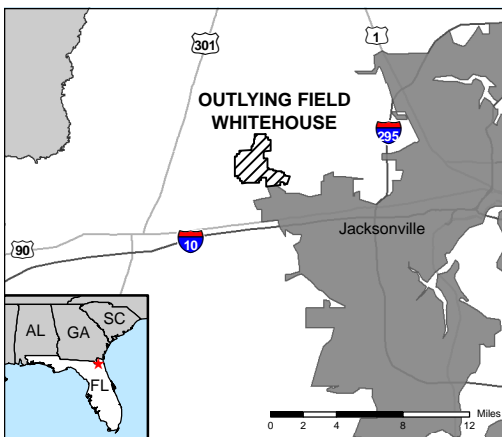


U.S. NAVY :

OLF WHITEHOUSE : FLORIDA



Outlying Field (OLF) Whitehouse is a critical asset for Navy air training prior to carrier deployment, serving Naval Air Station Jacksonville, as well as visiting units from other installations in the region. OLF Whitehouse provides the necessary dark-night environment that simulates at-sea carrier landings, allowing air crews to replicate the exact landing patterns used on the carrier. Its close proximity to oceanic carrier-operating areas reduces transit time and operating costs for fixed-wing jet, helicopter, and special warfare training.



The Navy has been unable to replicate the important training capabilities provided by OLF Whitehouse anywhere else along the East Coast. However, incompatible residential development from the city of Jacksonville threatens to alter training realism and impact flight routes and landing patterns.

Therefore the Navy is working with the city to protect this valuable asset and the environmentally sensitive lands that surround the outlying field.

Easements—including a donation from the city of Jacksonville—on lands within and next to high noise contours and safety zones are preserving working lands that also provide habitat for notable species and recreational opportunities. Many of the parcels fall within a greenway that includes wetlands and land suitable for longleaf pine habitat that supports species like the gopher tortoise. The easements not only provide an ecological benefit, but also prevent incompatible land uses, ensure a dark-night sky, and prevent conflicts with neighbors from training noise.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands that benefit the economy
- Provides habitat for notable species
- Provides recreational benefits for area residents

MILITARY

- Preserves maneuver, helicopter, and night flying training that produces significant noise or requires minimal light pollution
- Prevents workarounds that would have otherwise limited training capacity



A historical 1944 aerial (top) of OLF Whitehouse demonstrates the numerous runways (bottom) that are a vital and unique asset today.

KEY PARTNERS

- City of Jacksonville
- Florida Defense Alliance
- The Nature Conservancy
- Florida Department of Environmental Protection

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
2,660
- » Transactions conducted:
8
- » Partner cost share:
67%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(904) 542-3737



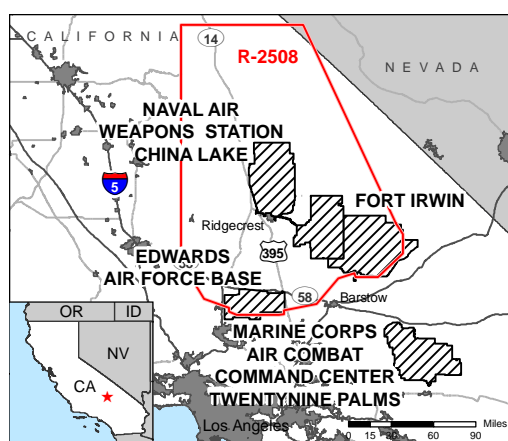
U.S. NAVY :

R-2508 COMPLEX : CALIFORNIA

WITH NAWS CHINA LAKE



The R-2508 Complex in the upper Mojave Desert is the largest single area of overland special use airspace in the United States. A key national military asset, the complex consists of multiple flight corridors, including high and low-level supersonic flight corridors, low altitude high speed maneuver areas, and weapons ranges. The restricted airspace is critical for Naval Air Weapons Station (NAWS) China Lake and Edwards Air Force Base (AFB), which are working together to protect targeted land underneath the complex. NAWS China Lake is the



Navy's largest single landholding, vital for weapons and armaments research, development, test and evaluation. Edwards AFB is home to the Air Force Flight Test Center.

This REPI project helps protect diverse environments with varied terrain, a desert climate, and relative remoteness essential for realistic military training and weapons research and development.

However, residential development and renewable energy projects are becoming more prevalent in the Mojave region. Residential uses cause conflicts with noise generated by aircraft, especially sonic booms, while wind towers present height conflicts and cause radar turbulence and interference.

Restrictive easements on land underneath the R-2508 airspace avoid these incompatible uses and also help sustain habitat for the threatened desert tortoise. Preserving these lands protects operational safety for the military's important test mission, especially for less stable unmanned aerial systems. The R-2508 REPI project also takes a regional approach to sustaining habitat as part of ongoing coordinated planning efforts among DoD, other federal agencies, and the state.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands that benefit the economy
- Provides habitat for notable species
- Provides recreational benefits for area residents

MILITARY

- Preserves maneuver training capacity through the buffering of high-noise areas
- Reduces electromagnetic interference
- Provides for future mission growth and supports the ability to test and train for multiple Service missions



The weapons test ranges at the R-2508 Complex includes test of missiles (top), and other new technologies, including micro air vehicles (bottom).

KEY PARTNERS

- The Nature Conservancy
- National Audubon Society
- Conservation Resources
- State of California

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

CONTACT

Community Plans & Liaison Officer
(760) 939-9438

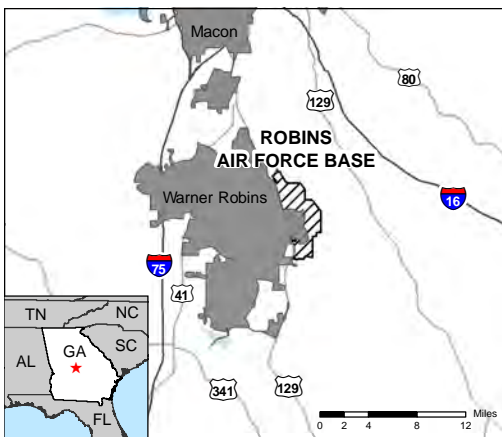


U.S. AIR FORCE :

ROBINS AFB : GEORGIA



Robins Air Force Base (AFB) hosts multiple flying missions and performs depot-level maintenance and avionics overhaul for aircraft, weapons systems, and missiles. Located in central Georgia, Robins AFB is the largest industrial complex in the state and economically vital to Houston, Bibb, and Peach counties. To protect the base's ability to carry out post-maintenance test flights from current and future incompatible development, the three counties are working together as a part of the Middle Georgia Regional Commission with the state's



Central Georgia Joint Development Authority.

These partners are acquiring parcels near the base's aircraft approach and departure corridor to ease mission restrictions, such as nighttime flying restrictions. This project stems from a 2004 Joint Land Use Study recommendation and includes the removal of

buildings on protected parcels that

violate safety and noise zone compatibility recommendations. The partnership is protecting a valuable economic engine that provides a \$4.1 billion annual impact.

To date the project has rectified incompatible development in Accident Potential Zone (APZ) I by 90%, APZ II by 75%, and high level noise contours by 90%. Once complete, the project will have near 100% compatibility within these three areas. The project also will benefit agricultural and habitat uses around the base. These parcels offer strategic preservation of significant wetlands and recreational opportunities along the Ocmulgee River, and the sale of state- or county-owned parcels for agricultural or limited industrial use puts the land back into the local tax base.

BENEFIT SUMMARY

COMMUNITY

- Supports coordination with existing regional planning efforts
- Supports implementation of a Joint Land Use Study
- Protects lands that provide economic benefit
- Protects public health, safety, and welfare

MILITARY

- Protects maneuver capabilities
- Provides for future mission growth



Robins AFB provides depot-level maintenance, such as aircraft repairs and upgrades (top). A B-1B Lancer bomber lands at Robins AFB after a post-maintenance flight (bottom).

KEY PARTNERS

- State of Georgia
- Central Georgia Joint Development Authority
- Middle Georgia Regional Commission
- Houston County
- Bibb County
- Peach County

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
259
- » Transactions conducted:
82
- » Partner cost share:
27%
- » Project status:
In Progress

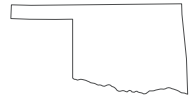
CONTACT

Public Affairs Office
(478) 926-2137

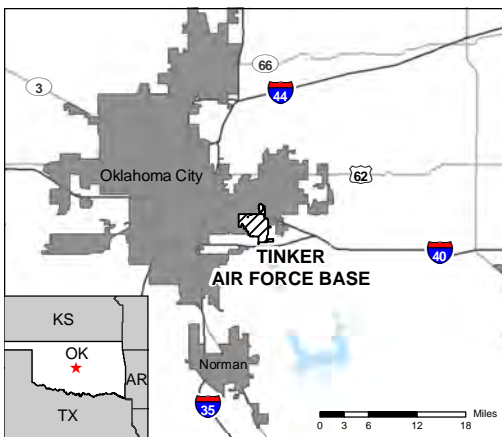


U.S. AIR FORCE :

TINKER AFB: OKLAHOMA



Tinker Air Force Base (AFB) supports Air Force and Navy alert missions that require one runway to be open at all times. As part of the Strategic Communications Wing One at the base, Navy E-6 squadrons maintain flying and communications link among the White House, ballistic missile submarines, bombers, and missile silos around the world. Because one runway must remain operational at all times to support this mission, it is imperative that Tinker AFB maintains two active runways.



The base's crosswind runway's safety and noise zones are constantly under developmental pressure from nearby Oklahoma City and its suburbs, including potential commercial retail development. This REPI project will implement recommendations from a Joint Land Use Study to protect these high priority safety and noise zones, with Tinker

AFB's partner, Land Legacy, acquiring conservation easements to preserve wetlands, habitat, and water resources.

Further contributing to the partner cost-share of this REPI project includes a donation of a conservation easement as well as a second partial land value donation of another tract. Conservation of these lands will ensure that Tinker AFB can continue to use its crosswind runway, making sure it is open and able to support its operational mission, which would otherwise have to deploy or relocate at a significant cost. The easements not only preserve compatible uses that protect the local watershed and floodplain, but also support habitat for rare and at-risk species such as the Texas Horned Lizard.

BENEFIT SUMMARY

COMMUNITY

- Supports coordination with existing regional planning efforts, including a Joint Land Use Study
- Preserves habitat
- Preserves water resources

MILITARY

- Protects aviation maneuver training that produces significant noise
- Increases operational safety
- Supports multiple Service missions



Crew members prepare a KC-135 Stratotanker for an air refueling mission exercise (top). The Texas Horned Lizard is a state sensitive species that is actively managed by the installation (bottom).

KEY PARTNERS

- Land Legacy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
0
- » Transactions conducted:
0
- » Partner cost share:
0%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(405) 739-2026



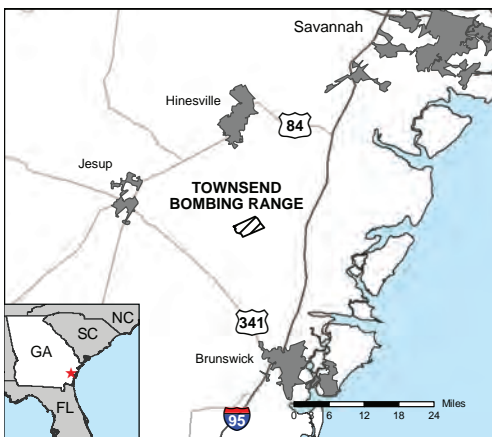
U.S. MARINE CORPS :

TOWNSEND BOMBING RANGE : GEORGIA



A vital air-to-ground range used by the Marine Corps and the other three Military Services, Townsend Bombing Range is increasingly supporting the use of precision-guided weapons and other advanced weaponry in training. Meanwhile, Townsend is also a key East Coast hub for Joint Tactical Air Controllers (JTACs) training. JTACs represent 80 percent of bombing calls overseas, providing critical air support to the ground forces that need it most.

Bringing together state, federal, and other partners, including the National



Oceanic and Atmospheric Administration's Coastal and Estuarine Land Conservation Program, the Townsend Range partnership has been able to reap the benefits of the protection of numerous conservation lands. The public is shielded from noise and potential safety risks and the military can perform large force exercises and take full advantage of

airspace that spans 10 counties for more realistic training at all altitudes.

Townsend and its partners are also adding major pieces to the conservation puzzle in an ecologically sensitive area. Located within the Altamaha watershed, the surrounding land boasts the highest documented number of rare plants and animals in Georgia. The area's wetlands, longleaf pine forests, and sandhills are home to the gopher tortoise and other rare species. Preventing habitat fragmentation and increasing the Townsend Wildlife Management Area will also provide the public with recreational opportunities.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands and local character that benefit the economy
- Supports existing regional planning efforts, including the development of a Joint Use Land Study to better coordinate planning efforts
- Protects species and habitat

MILITARY

- Protects live-fire bombing, vehicle maneuver, helicopter, and night flying training that produces significant amounts of noise or requires minimal light pollution
- Prevents the loss of training days and the use of less-realistic workarounds
- Provides for future mission growth and multi-service efforts



Habitat in and around Townsend Bombing Range (top and bottom) helps preserve the range's training capability.

KEY PARTNERS

- Georgia Department of Natural Resources
- The Nature Conservancy
- National Oceanic and Atmospheric Administration
- Georgia Wetlands Trust Fund
- Georgia Forestry Commission
- U.S. Forest Service

FAST FACTS AS OF 30 SEP 12

- » Acres preserved: **22,841**
- » Transactions conducted: **4**
- » Partner cost share: **59%**
- » Project status: **In Progress**

CONTACT

Community Plans & Liaison Officer
(843) 228-7558

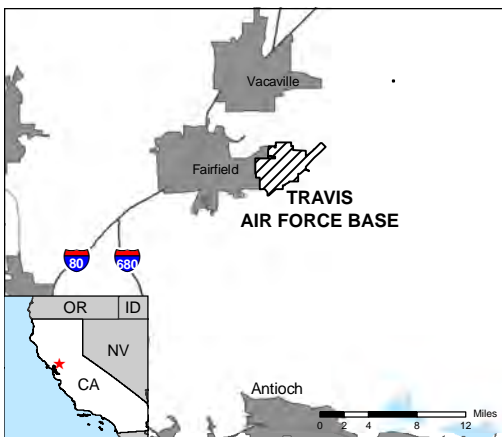


U.S. AIR FORCE :

TRAVIS AFB : CALIFORNIA



Located east of Fairfield near the San Francisco Bay area, Travis Air Force Base (AFB) is known as the “Gateway to the Pacific.” The base supports the 60th Air Mobility Wing, the largest mobility organization in the Air Force, with a versatile fleet of cargo and refueling jets. Travis AFB handles more cargo and passenger traffic through its airport than any other military air terminal in the country. As such, the base also has a significant economic impact and is the largest employer in Solano County.



This REPI project involved Travis AFB’s partner, the Solano Land Trust, acquiring a conservation easement to preserve habitat and agricultural values around the base. The easement protects the land from uses such as wind turbines that interfere with radar, wetlands that attract a bird aircraft strike hazard, or housing development that can lead to noise

complaints and mission restrictions. The preserved land is home to high-quality vernal pool grasslands, including land within a National Natural Landmark, as well as numerous rare species within the vernal pools.

As its mission grows, Travis AFB may need to develop on-base construction projects that require mitigating against disturbances of habitat for threatened, endangered, and at-risk species. Protecting the critical habitat on this property provides an opportunity for the base to seek possible mitigation credits against on-base actions. The partnership also furthers the coordinated planning efforts among the local governments and Travis AFB to ensure compatibility between community noise and safety concerns with military operations.

BENEFIT SUMMARY

COMMUNITY

- Protects working lands that maintain local character
- Preserves habitat for threatened and endangered species
- Protects water resources

MILITARY

- Protects maneuver training capabilities
- Prevents electromagnetic interference
- Increases operational safety



A KC-10 Extender from Travis AFB refuels an F/A-22 Raptor (top). Airmen and Soldiers board a C-130 Hercules aircraft to participate in a training exercise (bottom).

KEY PARTNERS

- Solano Land Trust

FAST FACTS AS OF 30 SEP 12

- » Acres preserved: **147**
- » Transactions conducted: **1**
- » Partner cost share: **13%**
- » Project status: **Completed**

CONTACT

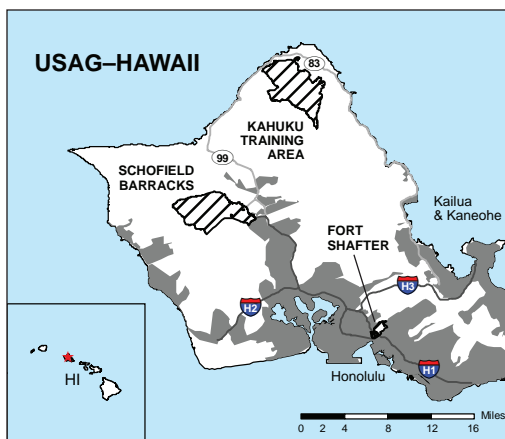
Public Affairs Office
(707) 424-2011



U.S. ARMY GARRISON-HAWAII



An important platform for the Pacific theater, U.S. Army Garrison-Hawaii (USAG-HI) can quickly mobilize soldiers in support of combat operations and disaster relief missions. The Army's ability to station, train, and deploy the 2/25th Stryker Brigade Combat Team in Hawaii is essential to our nation's defense strategy and transformation. Buffer actions protect both the Schofield Barracks and the Kahuku Training Area (KTA), where the Army plans to expand operations. The KTA is notable for pyrotechnic training and dismounted



maneuver training.

To protect USAG-HI, its partners have undertaken various buffer projects over the past several years. In a key success on the lush O'ahu North Shore, a broad coalition of partners—including community and environmental groups and state and federal agencies—preserved Pupukea Paumalu, a vast swath of beach-

front open space slated to become a residential development.

Additionally, the partners worked together to protect the habitat-rich 3,592-acre Honouliuli Preserve, a lowland forest on the eastern slope of the Wai'anae Mountain Range. The preserve contains 35 threatened and endangered species, including the endangered O'ahu 'elepaio, and 16 species found nowhere else in the world. Altogether, the installation's efforts are protecting not just valuable open space and habitat, but also drinking water resources, cultural sites, youth education opportunities, tourism, and recreational resources, all while ensuring the vitality of U.S. Army Garrison-Hawaii's defense mission.

BENEFIT SUMMARY

COMMUNITY

- Supports existing regional planning efforts
- Maintains local character
- Provides habitat for endangered species
- Helps improve water quality

MILITARY

- Preserves live-fire and ground maneuver training capacity
- Preserves training realism by preventing the need for workarounds
- Prevents the loss of training days



Birds of a feather: Preserving habitat for the endangered 'elepaio bird (bottom) helps to preserve helicopter training (top).

KEY PARTNERS

- The Trust for Public Land
- North Shore Community Land Trust
- City of Honolulu
- County of Honolulu
- State of Hawaii
- National Oceanic and Atmospheric Administration
- U.S. Department of Agriculture-Natural Resources Conservation Service
- U.S. Fish and Wildlife Service

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
10,302
- » Transactions conducted:
4
- » Partner cost share:
67%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(808) 656-3154

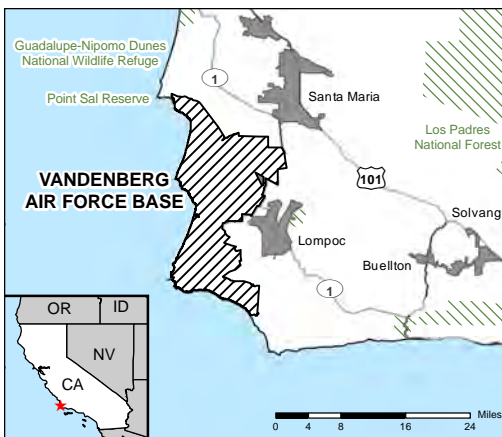


U.S. AIR FORCE :

VANDENBERG AFB : CALIFORNIA



Vandenberg Air Force Base (AFB) is one of the primary west coast tactical Air Force locations. Operated by the 30th Space Wing, Vandenberg houses silos and launch sites to test and launch Minuteman nuclear intercontinental ballistic missiles, Delta rockets, and government and commercial satellites. With launches coming at a cost of \$213 million, the base supports a valuable test and training mission. Located along the coast north of Santa Barbara, Vandenberg is surrounded by grazing lands and open beaches, providing compatible



uses under the base's special use airspace.

In partnership with the Land Conservancy of San Luis Obispo County and others, Vandenberg is protecting land within the base's airspace and also within the Impact Limit Line for missile launches. Land purchased by the Land Conservancy of San Luis Obispo limits incompatible development

and lowers potential issues related to possible falling debris within the Impact Line. Non-launch-essential personnel and the general public are evacuated from the area for launches, and any delays resulting from the presence of nearby incompatible uses could cost as much as \$500,000 a day.

As part of this project, the Land Conservancy of San Luis Obispo deeded the land to Santa Barbara County for use as a passive recreational center and to expand the Point Sal Reserve area. Additionally, the base's partners are building off these efforts to protect 20 miles of the Guadalupe-Nipomo dunes ecosystem, which sustains coastal dune shrub, freshwater ponds and lakes while providing a buffer for the community adjacent to Air Force flight and missile testing.

BENEFIT SUMMARY

COMMUNITY

- Preserves habitat for threatened and endangered species
- Protects water resources
- Provides recreational opportunities
- Maintains local character

MILITARY

- Improves operational safety
- Prevents costly workarounds that would otherwise limit test and training capacity



The Delta IV Heavy rocket stands 235 feet tall and is America's most powerful liquid-fueled rocket (top). Point Sal Reserve area was preserved for use as a passive recreational center (bottom).

KEY PARTNERS

- California State Coastal Conservancy
- National Oceanic and Atmospheric Administration-Coastal Estuarine and Land Conservation Program
- Land Conservancy of San Luis Obispo
- Santa Barbara County
- The Nature Conservancy

FAST FACTS AS OF 30 SEP 12

- » Acres preserved: **172**
- » Transactions conducted: **1**
- » Partner cost share: **76%**
- » Project status: **Completed**

CONTACT

Public Affairs Office
(805) 606-3595



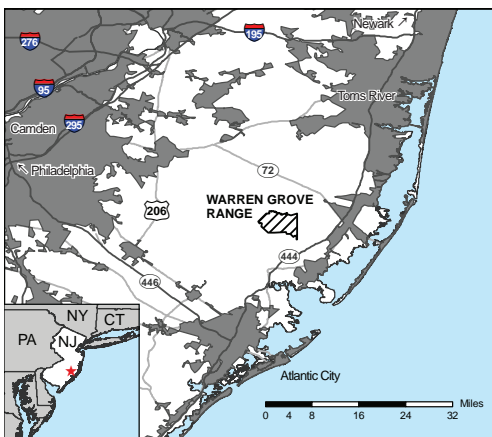
U.S. AIR FORCE :

WARREN GROVE RANGE : NEW JERSEY



One of the most heavily utilized Air National Guard training ranges in the U.S., Warren Grove Range is a key Northeast training asset for all four Services, with its remote location providing unique operational capabilities. However, its location in the New Jersey Pinelands is also one of the most flammable areas in the country. Every year training activities ignite one fire every 10-14 days, which are suppressed on-site.

When wildfires occur, the range must be totally shut down until the fires



are suppressed. To reduce the wildfire danger, controlled burns are necessary to manage forest undergrowth. Without buffer lands to properly address undergrowth and fire concerns, the military mission at the range is endangered. In May 2007, the range shut down entirely for more than a year. Now, REPI efforts to establish buffer lands surrounding the range are

protecting the viability of continued training missions, including use of conventional freefall bombs and munitions and future weapon systems training.

Targeting the acquisition of thousands of acres of forest, the New Jersey Conservation Foundation will help the Air Force protect surrounding residents from the constant threat of wildfire and conduct prescribed fire management. Additionally, better forest management will support the many federally and state-listed animal and vegetative species found in the Pinelands area. Altogether, this project allows the continued operation of Warren Grove Range and maintains a quality training environment.

BENEFIT SUMMARY

COMMUNITY

- Coordinates with existing regional planning efforts, including a Joint Land Use Study
- Protects habitat for notable species
- Provides recreational benefits for area residents

MILITARY

- Protects on-installation training capacity
- Prevents the loss of available training days



Controlled burns help prevent wildfires, which reduce visibility for air exercises (top and bottom).

KEY PARTNERS

- New Jersey Conservation Foundation
- New Jersey Pinelands Commission
- New Jersey Green Acres Program

FAST FACTS AS OF 30 SEP 12

- » Acres preserved:
179
- » Transactions conducted:
5
- » Partner cost share:
54%
- » Project status:
In Progress

CONTACT

Public Affairs Office
(609) 645-6005